ASHIQ NAZIR BHAT

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Portfolio: https://ashiqnazirbhat.github.io/   .

- To seek a challenging and responsible assignment in an esteemed organisation, where I can apply my current skills, learn new techniques, applications, technology, and grow. As an individual, I am creative, innovative and looking ahead to work in a challenging environment and strive for excellence in teamwork.
- Web developer with 2.5 years of experience building web applications/e-governance systems for SSM College of Engineering. (www.ssmengg.edu.in)
- Freelance Web developer with one year of experience building web applications using jQuery, Web API and MVC. (http://drflightmode.com/)

RESEARCH/TEACHING EXPERIENCE

Thapar Institute of Engineering & Technology, Patiala - Punjab   April 2021
Junior Research Fellow/Ph.D. Scholar, Department of Computer Science
- Maintained high levels of confidentiality to protect data quality and project research.
- Conducted and evaluated research using cutting-edge technology.
- Developed unique research into **[Electric Vehicle, Advanced Metering Infrastructure, Net Metering and Smart GRID Using Machine Learning and Deep Learning].**

SSM College of Engineering, Pattan Baramulla-J&K   Aug 2017 to Mar 2020
Assistant Professor, PG Department of Computer Sciences.
- Taught postgraduate courses averaging 50 students per semester, covering the following Subjects: Data Structures and Algorithms, E-Commerce, Data Communication, Computer Networks, Network Security, Database Systems, C, C++, Programing etc.
- Developed quizzes, exams, and homework.
- Revised the syllabus to meet accreditation standards.
- Coordinated grading and labs with a team of 2 teaching assistants.
- Fostered team collaboration between students through group projects for ASP.Net, PHP and Python.
- Responded to after-hours email and telephone requests to provide students with specific questions.
- Supported teacher instruction by discussing concepts and creating custom practice questions.
- Managed Accounts of the department.
- Collaborated in designing various departments' graphics like magazines, posters etc.

   Masters Students Supervised = 10
   Masters Students Co-Supervised = 8
   Masters Students Mentored = 12

National Institute of Electronics & Information Technology, Srinagar-J&K   Feb 2021 to Mar 2021
Guest Faculty/CCC Trainer, Department of Computer Sciences.
- Trained and developed students' skills in word-processing, spreadsheet, PowerPoint and other programs.
- Used lectures, demonstrations and discussions to instruct students individually and in small groups.
- Emphasized web etiquette and practical applications of technology for professional use.
- Planned and implemented curriculum to teach up-to-date technology to 67 students.
- Developed lesson plans, instructional materials and writing practice tests for the CCC training course.

OTHER EXPERIENCE

SSM College of Engineering, Pattan Baramulla J&K   Aug 2017 to Mar 2020
Web Developer, PG Department of Computer Sciences.
- E-governance system in an ASP.NET, JavaScript, and SQL Server 2014/2016.
- Developed and implemented Admin/Student/Teacher/IT/Career Development/Alumni dashboard using ASP, JavaScript, and SQL Server.
- Designed, personalised, and supported complex reports and ASP reports, Crystal Reports.

Hotel Paradise and Restaurant, Pahalgam, J&K   Jan 2016 to May 2016
ACCOUNTS MANAGER (PART-TIME)
- Elevated account management by predicting potential competitive threats and outlining proactive solutions.
- Addressed accounting, billing, and service delivery problems to maintain and enhance client satisfaction.
- Managed book of business very efficiently.
- Built and strengthened long-lasting client relationships based on accurate price quotes and customer-centric terms.
- Compiled general ledger entries on a short schedule with 100% accuracy.
- Reviewed accounting structures and procedures regularly to identify areas needing improvement.
- Calculated payroll deductions accurately using Tally 9.0 and processed payroll to meet preset requirements.
- Worked with management at the project level to achieve expense plans.
- Completed daily cash functions like account tracking, payroll and wage allocations, budgeting, donating and all types of cash and banking reconciliations.

Spark Coaching Institute, Anantnag, J&K   Jun 2012 to Jan 2014
DTP OPERATOR CUM COUNSELOR (PART-TIME)
- Performed design, layout, and typesetting of publications, office forms and various other projects to optimise plans and production strategies.
- Drove operational improvements, which resulted in savings and improvement, which resulted in savings and improved profits margins.
- Managed book of business very efficiently with Excel and Access DB.

- Built and strengthened long-lasting client relationships based on accurate price quotes and customer-centric terms.
- Increased student satisfaction by resolving issues.
- Interacted with customers professionally by phone, email or in-person to provide information directed to desired staff members.

Panin Kasheer Channel, Anantnag, J&K   Jun 2012 to Jan 2014
VIDEO EDITOR/CHANNEL OPERATOR (PART-TIME)

- Delivered edits with multiple camera angle choices, titles, graphics, audio and special effects.
- Evaluated and selected scenes for pacing, entertainment value and continuity, trim shots and edited content Using **Edius Pro** Video Editing Software.
- Organized assets by collecting data from camera media, transcoding video and audio files and managing file backup to the digital asset management system.
- Hosted a few TV programs based on Dedicate-a-Song Concept on special occasions.

VOLUNTEER EXPERIENCE

Understand Quran Academy   Aug 2020
SOCIAL MEDIA COORDINATOR/TECH SUPPORT (PART-TIME)

- Managed social media accounts of different courses offered by the Understand Quran Academy, generating interest for existing and upcoming courses or services.
- Archived critical interactions and posts to document all essential information for future reference.
- Provided Tech support on the E-Learning platform to the students.

Kashmir Education Initiative, J&K   Jun 2020 to Mar 2021
CONTENT MANAGER (PART-TIME)

- Maintained content activity calendar to schedule creation and delivery deadlines.
- Approved, reviewed, and edited content flowing to the website.
- Collaborated with team members to develop and plan content, layout, and style.
- Conducted regular content audits to identify gaps and redundancies of content.

Pi Jam Foundation, Pune, Maharashtra   Feb 2021 to Apr 2021
PROGRAM COORDINATOR (PART-TIME)

- Managed educational programs and prepared monthly reports.
- Supported admissions process through application review and student registration.
- Designed or used assessments to monitor student learning outcomes.
- Developed partnerships with parents and institutes to build awareness, increase support, and share resources.
- Analyzed instructor, student, and class trends to make proactive decisions about program operations and scheduled and attended student meetings.

EDUCATION

MCA	Islamic University of Science and Technology, Masters of Computer Applications. GPA = 8.05 out of 10	Aug 2017
BCA	University of Kashmir, Bachelors of Computer Applications. Percentage of Marks Obtained = 59.76 %.	Dec 2013
12th	J&K Board of School Education, Percentage of Marks Obtained = 61.33 %.	Dec 2010
10th	J&K Board of School Education, Percentage of Marks Obtained = 68.40 %.	Dec 2008

- Qualified **Gate-2021** with **Score 375** and **AIR 12104**.
- Completed **Full-Stack Web Development with React and MongoDB** from **Udemy**
- Completed **Foundations of Data Science** from **PadhAI & OneForthLabs**.
- Currently enrolled in **Machine Learning** Course by **Coursera**

PROFESSIONAL TRAINING

5-Day E-Workshop Stochastic Modelling, Optimization, and Soft Computing
Manipal University, Jaipur, Aug 2020
1-Week Online Faculty Development Program
IITM, Janakpuri New Delhi, July 2020
Description: Emerging Technology in Information Technology.
Spoken Tutorial on Using Netbeans Training.
SSM College of Engineering, J&K, Jan 2019
Report: Conducted by IIT Bombay.
3-Day National Workshop on "Machine Learning and Optimization Using R and Python."
SSM College of Engineering, J&K, March 2018.
Description: Conducted by PG Department of Computer Science.
2-Day National Workshop on "Effective Research Methodology."
SSM College of Engineering, J&K, Nov 2017.
Description: Conducted by Business School.
Faculty Development Program
SSM College of Engineering, J&K, Sep 2017
Report: Conducted by "The Counselor Education Pvt. Ltd".
Top-Coder,
Islamic University of Science and Technology, J&K, June 2015.
Description: Conducted by PG Department of Computer Sciences.

Project Title: Payroll Management System (BCA)

I redesigned the solution for a small-scale semi-government organisation. The application is developed with Microsft.Net technologies (**VStudio-2010**), and it has the functionalities to calculate the pay of an employee. The application generates having a profile, and the application manages increment, bonus, promotion, suspension and leaves in addition to salary calculation.
Followed multi-tiered architecture and developed the database in **Microsoft SQL Server 2008**, used stored procedures to do away with **CRUD** chores.

Project Title: Valley Digital Network (MCA)

I redesigned the solution for a small private organisation dealing with the cable network. The application is developed with Microsft.Net technologies (**VStudio-2015**), and it has the functionalities to maintain and monitor subscribers' cable services. The application generates various annual and monthly reports being used in the organisation. Each subscriber has a profile, and the application helps manage Add-On, change in pack, profile updating. **Bootstrap3** was used for the design of the website. Followed multi-tiered architecture and developed the database in **Microsoft SQL Server 2014.**

Project Title: SSM College of Engineering (https://www.ssmengg.edu.in/)

I redesigned the solution for a private education institute. The application is developed with Microsft.Net technologies (**VStudio-2017**), and it has the functionalities to maintain and monitor students' activities like attendance, feedback, grievances, and payments. The application generates various annual and monthly reports being used in the organisation. Each student has a profile, and the application helps manage and profile updating. **Bootstrap3** was used for the design of the website. Followed multi-tiered architecture and developed the database in **Microsoft SQL Server 2016.**

Project Title: Dr Flight Mode (http://drflightmode.com/)

I redesigned the solution for a private organisation dealing with Health Care related Services. The application is developed with Microsft.Net technologies (**VStudio-2017**), **MVC**, **Web API** and **jQuery**-based CRUD operations. It has the functionalities to maintain patients' activities like reports, appointments, grievances, and payments. The application generates various annual and monthly reports being used in the organisation. Each patient has a profile, and the application helps manage and profile updating. **Bootstrap4** was used for the design of the website. Followed multi-tiered architecture and developed the database in **MySQL.**

LANGUAGES

English: Superior Listener, Superior Speaker, Superior Reading and Writing**.**

Kashmir: Superior Listener, Superior Speaker, Intermediate Reading and Writing.

Urdu: Superior Listener, Superior Speaker, Superior Reading and Writing.

Arabic: Intermediate Listener, Intermediate Speaker, Intermediate Reading and Writing.

Hindi: Superior Listener, Superior Speaker, Intermediate (Low) Reading and Writing.

COMPUTER SKILLS

Languages: Visual Basic, JavaScript, C/C++, ASP.NET, MVC, Web API, C#, Python, PHP.

Operating Systems: Windows 7/8/10/11, Unix/Linux.

Database: SQL Server 2014/2016/2018, SQL, MongoDB, SQLite, MySQL.

Servers: Apache Tomcat, IIS.

Web Technologies: ASP, ADO, ODBC, HTML5, CSS, Bootstrap3/4/5, Materialize.

Applications: Adobe Illustrator, Adobe Photoshop, Edius Pro, Microsoft Office, Latex/Overleaf.

OTHER

Collaboration, Strategic Thinking, Communication, Creativity, Analytical Skills, Time Management, Empathy.

REFERENCES

Dr. Kaiser Javaid Giri, Senior Assistant Professor
Department of Computer Science,
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