

Resume

Associate Software Engineer | @BlackStackSoftwareSolutions

Personal details

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Profile

A dedicated and results-driven Associate Software Engineer with hands-on experience in full-stack web development, currently pursuing a Bachelor's in Computer Science. I have gained valuable experience working on U.S.-based projects using technologies like Ruby on Rails, HTML, CSS, JavaScript, and Python. My work includes developing new features, debugging, and optimizing web applications to enhance user experiences.

Skilled in both front-end and back-end development, I have a strong passion for building scalable, efficient, and user-friendly applications. I thrive in collaborative, team-oriented environments, where I contribute to brainstorming sessions, problem-solving, and delivering quality solutions. With a focus on clean code and effective communication, I consistently work with cross-functional teams to meet project goals and deadlines.

Eager to apply my technical expertise, enthusiasm, and team collaboration skills to impactful projects, I am excited to contribute to dynamic teams and solve real-world challenges.

Education

Oct 2020 - May 2024	Bachelor's degree, Computer Science University of Engineering and Technology, Lahore
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Employment History

Aug 2024 - Present	Associate Software Engineer Blackstack Software Solutions, Lahore, Punjab, Pakistan <ul style="list-style-type: none">Debugged and resolved application issues to enhance functionality and performance.Implemented new features based on client requirements to improve user experience.Utilized Git and GitHub for version control and team collaboration on code projects.Assisted in code reviews to ensure adherence to best practices and
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- coding standards.
- Collaborated with cross-functional teams to deliver high-quality software solutions.
- Wrote unit tests to ensure code quality and reduce bugs.

Jul 2023 - Oct 2023

Research And Development Intern

Al-Khawarizmi Institute of Computer Science (KICS), UET Lahore, Lahore

- Assisted in the development and testing of new algorithms for data processing.
- Prepared technical reports and documentation on research findings.

Jun 2023 - Aug 2023

Web Development Intern

Apex Space, Lahore, Punjab, Pakistan

- Gained foundational knowledge in web development, focusing on front-end technologies such as HTML, CSS, and JavaScript.
- Developed a strong understanding of building responsive, user-friendly interfaces and creating dynamic web pages.
- Gained experience in version control using GitHub for collaborative development and code management.

Skills

Ruby	Very good
Ruby on Rails	Very good
C, C++	Good
Git, GitHub	Very good
HTML, CSS	Very good
Javascript	Good
Communication Skills	Good
Team Work	Excellent

Projects

FINAL YEAR PROJECT

URDU SIGNIFY

- Address the communication gap faced by the deaf and hard-of-hearing community in Pakistan.
- Develop an app that can convert Urdu text to Pakistan Sign Language (PSL).
- **Techniques** Utilized: Deep learning-GANs (Generative Adversarial Networks) NLP Enhance accessibility and communication for the deaf and hard-of-hearing individuals in Pakistan through technology.

Mini Projects

Whatsapp Chat Analyzer

- Analyze WhatsApp chat data for insights and patterns.
- Message statistics, sentiment analysis, keyword extraction, participant analysis, and time analysis.
- Technologies Used: Natural Language Processing (NLP) techniques, Data visualization libraries (e.g., Matplotlib, Plotly)
- Provide users with valuable insights into their WhatsApp conversations to understand communication patterns.

Online Exam System

- An Online system to take exams of students where teacher can create exam and request admin to approve after admin approves, student can take exam if the exam is active.
- Teacher can review student answers and give marks for each question.
- Student and teacher can also review exams that teacher has reviewed and assigned marks to student.

Hobbies

■ Badminton

■ Chess