Junior Software Developer

Fatima Arab

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Summary

Junior Software Developer with experience in full-stack web development using React, Node.js, Python, and SQL. Skilled in building scalable, cloud-based applications with responsive interfaces, RESTful APIs, and debugging code. Familiar with the software development lifecycle (SDLC), CI/CD pipelines, and test-driven development (TDD) practices. Strong communicator with a passion for clean, maintainable code, DevOps practices, team collaboration, and continuous learning.

Skills

- **Front-End Development**: HTML5, CSS3, React, Angular, Responsive Design, UI/UX Debugging, Figma
- **Back-End Development**: Node.js, Express.js, RESTful APIs, GraphQL, Mongoose
- **Databases**: MongoDB, MySQL, SQLite, Oracle, SQL
- **Programming Languages**: JavaScript, Python, Java, TypeScript, SQL, scripting(Bash)
- **Tools & Platforms**: Git, GitHub, Postman, VS Code, Docker, Heroku, Vercel, Azure, Kubernetes
- **Development Practices**: Agile Development, OOP, Version Control, API Testing, System Development lifecycle(SDLC), TDD, Microservices, Automation Testing
- **Other Technologies**: Visual Studio IDE, familiarity with .NET
- **Interpersonal:** Time management, Attention to details, problem solving, collaboration, Analytical Thinking, verbal and written communication.

Work Experience

Programming Instructor – Web Development & Databases | George Brown College | 2024 – 2025

- Tutored students one-on-one in HTML, CSS, JavaScript, SQL, and Java, focusing on core concepts and data structure fundamentals.
- Assisted learners in debugging and improving code through hands-on guidance.
- Explained complex programming topics in accessible, student-friendly terms, supporting technical specification clarity.
- Strengthened personal technical foundation while supporting peer development and collaborative thinking.

Junior Software Developer | Freelance | 2023-2025

- Developed scalable, cloud-based applications using React, Node.js, and RESTful APIs to meet client-specific requirements.
- Delivered features in Agile teams and used CI/CD workflows for automated deployment and testing.

- Troubleshot and resolved production issues, applied configuration management practices, and ensured logging and error handling in deployed applications.
- Wrote clean, testable, and maintainable code and maintained proper documentation to support long-term product scalability and handover.

Software Developer (Contract) | Azarpadniroo | 2021-2022
- Assisted in building front-end components using HTML, CSS, and JavaScript under the guidance of senior developers.
- Contributed to developing and testing RESTful APIs using Node.js and Express.
- Participated in daily stand-ups and sprint reviews, learning Agile development practices and improving technical collaboration.
- Used Git and GitHub for version control, supported debugging efforts, and implemented minor feature updates.

Education & Certifications
- Advanced Diploma in Computer Programming and Analysis
- Using Python 1: Organize and Analyze Data - University of Toronto(in progress)
- Python for Data Science, AI & Development
- The Complete Oracle SQL Certification Course
- Microsoft Azure Fundamentals(AZ – 900) Cert Prep by Microsoft Press