

# 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.

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### 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.
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### 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.

- Troubleshoot 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.

#### **Junior 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.

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#### **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