Software Developer

Fatima Arab

Toronto, ON | 647-989-6890

fatima.arab@gmail.com

https://github.com/TeemaArab

https://www.linkedin.com/in/fatima-arab

https://fatimaportfolio-five.vercel.app

Summary

Software Developer with experience in full-stack web development using React, Node.js, JavaScript, MongoDB, and SQL. Skilled in building scalable, cloud-based applications with responsive interfaces, RESTful APIs, and debugging code. Knowledgeable in Agile development, DevOps practices, CI/CD pipelines, and test-driven development (TDD)**. Familiar with AWS, Azure, and Docker environments. Strong communicator with a passion for clean, maintainable code, team collaboration, and continuous learning.

Skills

- **Front-End Development**: HTML5, CSS3, Tailwind CSS, React, Angular, Next.js, Bootstrap, Axios, Vue.js, Socket.IO (Client Integration), Responsive Design, UI/UX Debugging, Figma.
- **Back-End Development**: Node.js, Express.js, RESTful APIs, GraphQL, Mongoose, Spring Boot, ASP.NET Core, JWT Authentication, OAuth2, Bcrypt.
- **Databases**: MongoDB, MySQL, SQLite, Oracle, SQL, MariaDB, PostgreSQL.
- **Programming Languages**: JavaScript, Python, Java, TypeScript, C#, SQL, scripting(Bash).
- **Tools & Platforms**: Git, GitHub, Git Bash, GitLab, Bitbucket, Postman, VS Code, Docker, Heroku, Vercel, Azure, Kubernetes, AWS, Swagger, Jira, FileZilla, Jenkins, Render.
- **Development Practices**: Agile Development, OOP, Version Control, API Testing, System Development Lifecycle(SDLC), TDD, Microservices, CI/CD Automation, Unit Testing, API Documentation, Code Review, Cloud Deployment.
- **Other Technologies**: Visual Studio IDE, IntelliJ, Anaconda, JupyterLab, Google Colab, PyCharm, Power BI, Spyder, familiarity with .NET.
- **Interpersonal:** Time management, Attention to detail, Problem-solving, Collaboration, Analytical thinking, Verbal and written communication.

Work Experiences

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

- Tutored students one-on-one in HTML, CSS, JavaScript, SQL, and Java, focusing on front-end and back-end integration through real-world projects.
- Assisted learners in debugging, testing, and optimizing code through hands-on problem-solving

sessions.

- Explained RESTful API design, database modeling, and responsive UI development, and applied industry standards in full-stack web development.
- Mentored capstone teams on code reviews, debugging, and cloud deployment using Vercel, Render, and Azure, promoting professional readiness for modern software environments.

Software Developer | Freelance | 2023-2025

- Developed and deployed scalable, cloud-based applications using React, Node.js, MongoDB**,** following microservices architecture and RESTful APIs aligned with client-specific requirements.
- Collaborated with clients to define technical requirements, proposed design improvements, and implemented solutions that aligned with project goals.
- Delivered features within Agile sprints, implementing DevOps principles and CI/CD pipelines for automated testing, integration, and deployment across cloud environments (AWS, Azure)**.**
- Wrote clean, testable, and maintainable code following TDD methodologies, implemented JWT/OAuth2 authentication and maintained proper detailed documentation to support long-term product scalability, system handover, and continuous improvement.

Software Developer (Contract) | Azarpadniroo | 2021-2023

- Assisted in developing and maintaining front-end components using HTML, CSS, and JavaScript, collaborating with senior developers to enhance user interfaces and responsiveness.
- Contributed to designing, testing, and debugging RESTful APIs using Node.js and Express, and MongoDB, ensuring reliable communication between the client and server.
- 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, implemented minor feature updates, and supported debugging activities to improve overall code quality.

Education & Certifications

- Advanced Diploma in Computer Programming and Analysis (2025)
- MA in Education(2009)
- Using Python 1: Organize and Analyze Data - University of Toronto
- Python for Data Science, AI & Development
- The Complete Oracle SQL Certification Course
- Microsoft Azure Fundamentals (AZ – 900) Cert Prep by Microsoft Press.