

Michael Johnson

[Email](#) | [LinkedIn](#) | [GitHub](#)

Location: City, State, Country

Summary

Highly skilled and results-oriented Principal Full Stack Developer with over 12 years of professional experience in designing, developing, and leading complex web applications. Proficient in both frontend and backend technologies, including JavaScript, TypeScript, Python, React, Node.js, and Django. Demonstrated expertise in architecting scalable solutions, mentoring development teams, and driving project success from inception to deployment. Committed to delivering high-quality software solutions and continuously improving processes and technologies.

Skills

Languages & Technologies:

- JavaScript (ES6+), TypeScript
- Python, Java
- HTML5, CSS3, Sass
- SQL, NoSQL (MongoDB, PostgreSQL)
- RESTful APIs, GraphQL

Frameworks & Libraries:

- React.js, Redux
- Node.js, Express.js
- Django, Flask
- Angular, Vue.js

Tools & Platforms:

- Git, GitHub, GitLab
- Docker, Kubernetes
- AWS, Azure, GCP
- Jenkins, CircleCI
- Webpack, Babel

Testing:

- Jest, Mocha, Chai
- Cypress, Selenium
- PyTest, unittest

Other:

- Agile/Scrum methodologies
 - CI/CD pipelines
 - Microservices architecture
 - Responsive and Mobile-First Design
 - Cross-Browser Compatibility
-

Professional Experience

Principal Full Stack Developer

Innovative Solutions Inc., City, State

March 2018 - Present

- Lead the design and development of large-scale web applications, utilizing React for frontend and Node.js for backend, ensuring high performance and scalability.
- Architect and implement microservices-based solutions, enhancing system maintainability and enabling independent deployment of services.
- Mentor and guide a team of full stack developers, conducting code reviews, providing technical direction, and fostering a collaborative team environment.
- Collaborate with product managers, designers, and stakeholders to define project requirements, establish timelines, and deliver high-quality software solutions.
- Drive the adoption of best practices in software development, including automated testing, continuous integration, and code quality standards.
- Oversee the deployment of applications to cloud platforms (AWS, Azure, GCP), ensuring reliable and scalable infrastructure.

Key Projects:

- **Financial Analytics Platform:** Led the development of a financial analytics platform, integrating third-party APIs and implementing real-time data processing, resulting in a 40% increase in user engagement.
- **Healthcare Management System:** Architected and developed a healthcare management system with Django and React, streamlining patient data management and improving workflow efficiency.

Senior Full Stack Developer

Tech Innovators Ltd., City, State

July 2013 - February 2018

- Developed and maintained web applications using Angular and Django, delivering high-quality software that met client requirements and exceeded performance expectations.
- Designed and implemented RESTful APIs and GraphQL endpoints, enabling seamless integration between frontend and backend systems.
- Optimized database performance by refactoring queries and indexes, resulting in a 30% reduction in response times.
- Automated deployment processes using Docker and Kubernetes, ensuring consistent and reproducible environments for development and production.

- Collaborated with cross-functional teams to define project scope, plan sprints, and deliver features in an Agile development environment.

Key Projects:

- **E-Commerce Platform:** Spearheaded the development of a scalable e-commerce platform, integrating payment gateways, inventory management, and customer relationship management (CRM) tools.
- **Real-Time Collaboration Tool:** Built a real-time collaboration tool using WebSocket, React, and Node.js, enabling users to collaborate on documents and projects in real-time.

Full Stack Developer**Web Solutions Co., City, State**

January 2010 - June 2013

- Assisted in the development of client-side and server-side components for various web applications, using HTML, CSS, JavaScript, and Python.
- Implemented user authentication and authorization mechanisms, ensuring secure access to application features.
- Participated in the design and implementation of database schemas, optimizing data storage and retrieval.
- Worked on bug fixes and feature enhancements, contributing to the overall stability and functionality of the applications.
- Collaborated with designers to create responsive and user-friendly interfaces, improving user satisfaction and engagement.

Key Projects:

- **Social Networking Site:** Contributed to the development of a social networking site, implementing features such as user profiles, messaging, and news feeds.
- **Online Learning Platform:** Assisted in building an online learning platform with interactive courses, quizzes, and progress tracking.

Junior Full Stack Developer**Startup XYZ, City, State**

June 2008 - December 2009

- Developed frontend and backend components for various web applications, using HTML, CSS, JavaScript, and Ruby on Rails.
- Implemented user authentication and session management, ensuring secure and reliable access to application features.
- Assisted in database design and optimization, improving data storage and retrieval performance.
- Collaborated with senior developers to understand project requirements, develop features, and resolve issues.

Key Projects:

- **Project Management Tool:** Contributed to the development of a project management tool, implementing features such as task assignment, progress tracking, and reporting.
 - **Customer Support System:** Assisted in building a customer support system with ticketing, knowledge base, and live chat functionalities.
-

Education

Master of Science in Computer Science

University of Technology, City, State

Graduated: May 2008

Bachelor of Science in Information Technology

Tech University, City, State

Graduated: May 2006

Certifications

- **AWS Certified Solutions Architect – Professional** - Amazon Web Services
 - **Certified Kubernetes Administrator (CKA)** - CNCF
 - **Certified ScrumMaster (CSM)** - Scrum Alliance
 - **Full Stack Web Developer Nanodegree** - Udacity
-

Projects

Personal Blog Platform

- Developed a personal blog platform using Gatsby and Node.js, featuring markdown support, user authentication, and a custom CMS.
- Implemented server-side rendering for improved SEO and faster load times.
- Deployed the application on Netlify and integrated continuous deployment for automatic updates.

Real-Time Chat Application

- Built a real-time chat application with React, Node.js, and Socket.io, allowing users to communicate instantly.
- Implemented features like private messaging, group chats, and message notifications.
- Deployed the application on Heroku and used Redis for session management and message storage.

Expense Tracker App

- Created an expense tracker app using React Native, allowing users to manage their finances on both iOS and Android devices.
 - Integrated with Firebase for authentication and real-time database capabilities.
 - Designed a user-friendly interface with intuitive navigation and data visualization.
-

Volunteer Experience

Tech Mentor

CodeMentor, City, State

September 2015 - Present

- Provided mentorship to aspiring developers, offering guidance on coding best practices, project development, and career growth.
 - Conducted workshops and webinars on full stack development topics, helping participants build and enhance their technical skills.
 - Contributed to open-source projects and encouraged mentees to participate in the open-source community.
-

Hobbies & Interests

- **Open Source Contribution:** Actively contribute to open-source projects on GitHub, collaborating with developers worldwide to improve and maintain software.
 - **Tech Blogging:** Write technical articles and tutorials on full stack development, sharing knowledge and insights with the developer community.
 - **Travel:** Enjoy traveling and exploring new cultures, using experiences to gain new perspectives and inspiration for creative solutions.
 - **Cycling:** Passionate about cycling, participating in local cycling events and exploring new trails and routes.
-

References

Available upon request.