

DEMAR

Senior Full Stack Developer

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ABOUT ME

Experienced Senior Full Stack Developer with 7+ years of delivering scalable, secure, and high-performance web applications using the MERN stack and modern frontend frameworks. Additionally, hands-on experience developing backend solutions with Python and Django, including building robust APIs and complex web applications. Skilled in applying AI and machine learning techniques to enhance product functionality, automate workflows, and deliver intelligent features. Proficient in integrating AI models within web applications to provide data-driven insights and advanced automation. Strong collaborator in Agile environments, with a proven track record of delivering projects using best practices such as TDD and CI/CD.

SKILLS

- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, React.js, Next.js, Angular, Vue.js, Node.js, Express.js, Python, Django, MongoDB, MySQL, GraphQL
- **Frontend:** HTML5, CSS3, Tailwind CSS, Bootstrap, Styled Components, Redux, React Router
- **Backend:** RESTful APIs, JWT Authentication, Passport.js, Socket.io, Microservices, Koa.js, Django REST Framework AI/ML: Basic to intermediate experience in AI/ML development, including model integration, data preprocessing, and using libraries such as TensorFlow, PyTorch, scikit-learn
- **Testing:** Jest, Mocha, Cypress, Jasmine, Karma, Pytest
- **Tools & DevOps:** Git, GitHub, GitLab, Docker, Jenkins, AWS (EC2, S3, Lambda), Heroku, CI/CD pipelines, Kubernetes
- **Other:** Agile Scrum, TDD, BDD, Webpack, Babel, ESLint, Prettier

WORK EXPERIENCE

Mar 2021 – Present

Wilson Wings — Remote

Senior Full Stack Developer

- Architect and deliver scalable, high-performance web applications using React.js, Next.js, Node.js, and Express.js, serving 50,000+ active users with optimal responsiveness.
- Design and implement intuitive, user-centric front-end features leveraging React and Tailwind CSS, significantly enhancing user engagement and retention.
- Develop and maintain secure RESTful APIs and GraphQL services to support dynamic and complex front-end data requirements.
- Lead full-stack feature development ensuring seamless integration between frontend interfaces and backend systems.
- Collaborate closely with UI/UX teams to translate designs into pixel-perfect, performant interfaces.
- Drive adoption of reusable component libraries with Styled Components and Tailwind CSS to accelerate development and ensure consistent UI/UX.
- Initiate AI/ML-powered feature development using JavaScript-based machine learning libraries, delivering data-driven insights and predictive capabilities to enhance product value.
- Manage AWS cloud infrastructure including EC2, Lambda, and S3 for robust, scalable deployments.
- Implement automated testing and CI/CD pipelines with Jest, Cypress, and Jenkins to ensure code quality, reliability, and faster releases.

Antech Diagnostics — Fountain Valley, CA

Jan 2018 – Feb 2021

Full Stack Developer

- Engineered SPAs using MEAN stack (MongoDB, Express.js, Angular, Node.js) with a focus on performance and security.
- Developed and optimized REST APIs for client-server communication, enabling real-time data synchronization.
- Implemented backend payment gateway integrations with Stripe and PayPal, automating invoicing and transaction handling.
- Built authentication and session management systems securing user data with JWT.

Web Developer

- Led the redesign of web architecture using microservices, improving scalability and reducing deployment overhead by \$1.5M annually.
- Optimized web data operations with MongoDB and PostgreSQL, improving load speed and query efficiency for dynamic pages.
- Built and maintained RESTful APIs in Node.js/Express.js to power responsive, data-rich web interfaces.
- Mentored junior web developers, raising code quality and team delivery speed by 20%.

EDUCATION

Oct 2010 – Jul 2014

City University of New York (CUNY), New York, NY

Bachelor of Science in Computer Science

KEY ACHIEVEMENTS

- **Scalable Architecture Design**

Built full-stack systems with React/Next.js for 50K+ users, achieving <200ms latency.

- **Reusable Component Ecosystem**

Created Tailwind-based component library, cutting dev time by 40%.

- **ML-Driven Product Innovation**

Deployed ML tools in JS, increasing engagement and insights by 20%.

- **Microservices Cost Optimization**

Revamped backend into microservices, saving \$1.5M in cloud costs.

REFERENCE

Available upon request