
SUMMARY:

Highly skilled **Full-Stack Developer** with **4.5+ years** of experience in designing, developing, and deploying **scalable web and SaaS applications**. Proficient in **React.js, Node.js, Python (Django), GraphQL, MongoDB, PostgreSQL, and AWS**, with a strong background in **building secure, high-performance applications**. Expertise in **Agile methodologies, CI/CD pipelines, cloud infrastructure (AWS, Docker, Kubernetes), and authentication systems (OAuth 2.0, JWT, SSO)**. Adept at collaborating with cross-functional teams to deliver **optimized, secure, and efficient solutions** that enhance business productivity. Passionate about leveraging **AI, IoT, and automation** for innovative and data-driven applications.

EXPERIENCE:**Brick Bridge Consulting****May 2024 – Present***Software Engineer**Louisville, USA*

- Developed and optimized a SaaS-based web application using React.js, Node.js, Express.js, and GraphQL, improving performance by 40% and reducing API response time by 30%. Refactored MongoDB and MySQL schemas, cutting query execution time by 35%.
- Designed and deployed scalable, serverless applications on AWS (Lambda, EC2, S3, RDS) using Docker and Kubernetes, reducing infrastructure costs by 25% while maintaining 99.9% uptime.
- Implemented CI/CD pipelines using GitHub Actions, AWS CodePipeline, and Jenkins, decreasing deployment failures by 80% and accelerating development velocity by 2x. Enhanced system security with OAuth 2.0, JWT authentication, and encryption, minimizing unauthorized access by 90%.
- Collaborated in an Agile (Scrum) environment with UI/UX designers, product managers, and DevOps teams, expediting feature rollout cycles by 35% through sprint-based delivery and frequent code reviews.

University of Louisville**Aug 2023 – Sep 2024***Frontend Developer**Louisville, USA*

- Designed and developed interactive SPAs using React.js, Redux, React Router, and Next.js, improving UI performance by 35% and boosting SEO with server-side rendering for faster load times.
- Built fully responsive, mobile-first UIs with Tailwind CSS, TypeScript, HTML, and CSS, ensuring 99% cross-browser compatibility and optimizing page load speed by 40% through efficient coding.
- Integrated Redux and Context API for state management in large-scale applications, reducing API calls by 30% and enhancing client-side performance with TypeScript for type safety.
- Deployed React applications on Vercel and Netlify, implemented JWT authentication for secure sessions, and managed source code with GitHub/GitLab, reducing manual deployment errors by 80%.

Detect Technologies**Jun 2021 - Aug 2023***Software Engineer*

- Developed and integrated industrial project management solutions using Python, Django, and React.js, enhancing operational compliance by 10x and optimizing PostgreSQL-based data management and REST API development.
 - Implemented AI-driven safety protocols within T-Pulse, utilizing IoT cameras and sensors to monitor workplace safety, achieving a 92% compliance improvement and significantly reducing non-compliance incidents.
 - Engineered scalable cloud infrastructure on AWS for seamless API integrations and data handling, ensuring high availability and security for SaaS applications while optimizing system performance and PostgreSQL interactions.
 - Enhanced security and Agile collaboration by integrating IoT-based surveillance systems, SSO, and JWT OAuth 2.0 authentication, while maintaining CI/CD pipelines and facilitating sprint planning to decrease deployment errors by 80%.
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SKILLS

- Programming Languages: Python, Java, C++.
 - Frontend Development:** React.js, JavaScript, HTML, CSS, TypeScript
 - Backend Development:** Node.js, Django, Express.js, GraphQL APIs
 - Database Management:** MongoDB, MySQL; proficient in schema design and query optimization
 - API Development & Integration:** RESTful APIs, GraphQL, seamless integration with microservices
 - DevOps & Deployment Technologies:** Docker, Kubernetes, AWS (Lambda, EC2, S3, RDS), Jenkins
 - Continuous Integration & Delivery:** GitHub Actions, AWS CodePipeline, implementing CI/CD pipelines
 - Security Implementations:** OAuth 2.0, JWT Authentication, Data Encryption
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EDUCATION**University of Louisville***Master's in Computer Science*