Vaishali R Paraskar

Queens, New York | +1 (929) 422-4369 | paraskar06.vaishali@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#)

SUMMARY

Innovative Full Stack Engineer with over 4 years of experience building responsive, scalable web applications and backend systems. Known for delivering clean, maintainable code and creating intuitive user experiences using React.js, Node.js, and Python frameworks. Demonstrated ability to lead full-cycle development from concept to deployment in cloud-native environments.

PROFESSIONAL EXPERIENCE

BRIK Partners INC.   Sep 2024 - Present
Full Stack Engineer (Remote)   *USA, Remote*
- Leading backend architecture using Django, Node.js, and MongoDB to build scalable web platforms.
- Integrated Stripe, Firebase, and GraphQL APIs to support e-commerce and SaaS applications.
- Deployed containerized applications with Docker, managed CI/CD via GitHub Actions, and used Terraform for infra provisioning.
- Designed and implemented frontend interfaces using React, Next.js, and Radix UI for performance and accessibility.
- Mentoring junior developers and conducting code reviews to maintain code quality and accelerate delivery.

SimplexDiam INC.   Jan 2024 - Aug 2024
Full Stack Developer Intern   *New York, NY*
- Built internal inventory management and operations dashboard using React.js, Node.js, and PostgreSQL.
- Developed backend APIs with Express.js and deployed microservices on AWS (Lambda,S3).
- Enhanced UI/UX using Tailwind CSS, Material UI, and React hooks, increasing user task efficiency.
- Improved query performance by 30% through PostgreSQL indexing and refactoring.
- Followed agile practices and collaborated across teams for fast-paced feature delivery.

RPO Buddy   Aug 2019 - Dec 2022
Software Developer   *Remote, India*
- Developed and maintained scalable full-stack applications using React.js, Next.js, and Node.js, supporting both internal teams and external clients.
- Engineered modular backend services with Express.js and Django REST Framework, processing over 100K API calls per day across microservices.
- Designed and deployed cloud-based infrastructure on AWS (EC2, S3, Lambda) using Docker containers and CI/CD pipelines with GitHub Actions.
- Built and integrated secure authentication systems with JWT, Firebase Auth, and OAuth2, ensuring data protection and user identity management.
- Improved system performance and scalability by optimizing PostgreSQL queries, implementing Redis caching, and introducing asynchronous job handling.
- Collaborated with UI/UX designers to craft responsive interfaces using Tailwind CSS, Material UI, and component-driven architecture in React.
- Integrated third-party services like Stripe, SendGrid, and Razorpay for billing, notifications, and payments, enhancing platform functionality.
- Led agile sprints, participated in code reviews, and ensured continuous delivery of well-tested features using Jest, PyTest, and best CI/CD practices.

EDUCATION

Long Island University   Sep 2023 - May 2025
Master Of Computer Science

PROJECTS

Beyond – Book (AI-Based Reading Community Platform)   Feb 2025 - May 2025
- Developed a community-driven platform offering AI-powered book recommendations and user-specific reading analytics.
- Integrated OpenAI APIs to generate smart summaries and suggestions based on reading behavior.
- Built real-time chat/discussion forums using Django Channels and WebSockets.
- Designed interactive dashboards with Chart.js and Recharts, and secured the app using Firebase Auth.

E-Commerce Platform for Custom Jewelry   Jan 2024 - Mar 2024
- Built a full-featured e-commerce platform with Stripe-based secure checkout, SSR enabled Next.js pages, and MongoDB backend.
- Implemented advanced search and filtering using Elasticsearch and aggregation pipelines for personalized product discovery.
- Designed an admin dashboard for inventory, orders, and analytics with real-time data management.
- Deployed on Vercel with optimized performance settings, improving SEO and reducing load times by over 40%.

Face Verification Attendance System   Aug 2022 - Dec 2022
- Engineered a secure, AI-powered facial recognition attendance system using deep learning (CNNs) and real-time video streams.

- Built a robust backend in Flask with REST APIs and integrated PostgreSQL for efficient logging and retrieval of attendance records.
- Achieved over 95% face recognition accuracy using model fine-tuning, preprocessing, and Haar cascades.
- Developed a clean, responsive frontend with React.js and enabled seamless user experience for educational and corporate environments.

SKILLS

- **Frontend Development**: React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Material UI, Radix UI
- **Backend Development**: Node.js, Express.js, Django, Flask, FastAPI, RESTful APIs, GraphQL, WebSockets
- **Databases**: PostgreSQL, MongoDB, MySQL, Firebase, Redis
- **Cloud & DevOps**: AWS (EC2, S3, Lambda), Docker, Vercel, GitHub Actions, Terraform, CI/CD Pipelines
- **Testing & Tools**: Jest, PyTest, Cypress, Git, Postman, JIRA, VS Code
- **AI & Machine Learning**: TensorFlow, OpenCV, OpenAI API, CNNs, Model Fine-tuning, Image Processing
- **Other Skills**: Agile/Scrum, System Design, Stripe Integration, Firebase Auth, OAuth 2.0, Elasticsearch