

BHASKAR PRAVEEN NAIDU

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SOFTWARE ENGINEER

Results-driven Software Engineer with 3+ years of experience in full-stack development, cloud computing, and scalable system design. Proficient in building high-performance applications using React, Next.js, Node.js, and AWS. Strong understanding of data structures, algorithms, RESTful APIs, and cloud technologies. Experienced in optimizing backend services, enhancing UI/UX, and ensuring system reliability.

WORK EXPERIENCE

Hoosier Community Network, USA

Jul 2024 - Current

Software Engineer

Bloomington, IN

- Supervised and led a development team, overseeing the development and optimization of full-stack applications using React, Express.js, and PostgreSQL, improving response times by 45% through caching and query optimization
- Improved UI responsiveness and performance through code-splitting, lazy loading, and memoization
- Implemented CI/CD pipelines using Jenkins, reducing deployment time by 60% and increasing release frequency
- Designed and deployed microservices architecture using Docker and Kubernetes, improving system scalability and fault tolerance

Motorola Solutions, USA

Jul 2023 – Dec 2023

Software Engineer

Chicago, IL

- Architected and implemented real-time Cross-Platform monitoring dashboards using React, Next.js and Node.js for PagerDuty integration, resulting in 30% faster incident response times and improved team productivity
- Built a high-performance event processing system using Node.js and Elasticsearch, implementing WebSocket connections for real-time alerts and achieving 98% accuracy in anomaly detection
- Optimized AWS Lambda functions, reducing cold start times by 40% and improving overall system performance
- Implemented serverless architecture using AWS services (Lambda, API Gateway, S3) for cost-effective scaling

Motorola Solutions, India

Mar 2021 – Mar 2022

Software Engineer

India

- Spearheaded development of IAM solution using MERN stack, implementing JWT authentication and role-based access control serving 500+ daily active users
- Designed and implemented real-time analytics dashboard using React, D3.js, and Socket.IO, processing millions of data points and reducing visualization latency by 40%
- Developed custom Python scripts for automated database migrations ensuring zero downtime during deployments
- Built responsive UI components using React and Material-UI, improving user experience and increasing engagement by 25%
- Implemented AWS S3 for efficient storage and retrieval of large datasets, reducing storage costs by 30%

EDUCATION

Indiana University Bloomington

Bloomington, IN

Master of Science in Computer Science

Aug 2022 – May 2024

- Relevant Coursework: Applied Algorithms, Advanced Database Concepts, Software Engineering

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, Python, TypeScript, SQL

Frontend Development: React, Next.js, Angular, Tailwind CSS, Radix UI, HTML5, CSS3, SASS, Redux, Webpack

Backend Development: Express.js, Node.js, FastAPI, Django, Spring Boot, NestJS

Database: MongoDB, PostgreSQL, Redis, Elasticsearch, MySQL, Oracle, Cassandra

API Integration: RESTful APIs, GraphQL, gRPC, Swagger

Cloud & DevOps: AWS (EC2, S3, Lambda, API Gateway), Docker, Kubernetes, Jenkins, CI/CD, Terraform

Testing & Monitoring: Jest, Cypress, Selenium, Mocha, Chai, Prometheus, Grafana

Other Tools: WebSocket, RabbitMQ, Kafka, Nginx, Apache, Jira, Confluence

Certifications: AWS Certified Solutions Architect – Associate, AWS Certified Cloud Practitioner