SURYA V

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years developing scalable enterprise applications and cloud technologies. Demonstrated expertise in delivering high-impact solutions and leading cross-functional teams in Agile environments.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Golang, Java, Python
Frontend: React.js, Redux, HTML5, CSS3, Material-UI
Backend: Node.js, Express.js, REST APIs, Microservices Architecture
Cloud & DevOps: GCP, Azure, Docker, Kubernetes, Cloud Functions, CI/CD
Databases: MongoDB, PostgreSQL, MySQL, Redis
Tools & Integration: Git, RabbitMQ, JWT Authentication, Auth0, ServiceNow
Methodologies: Agile, Scrum, SDLC, Unit Testing

WORK EXPERIENCE

Betsol - Software Engineer   Bengaluru, Karnataka | Mar '24 - Present
- Led development of unified telecommunications platform centralizing management of 100,000+ Toll-Free Numbers and 500,000+ DIDs across multiple carriers, replacing fragmented spreadsheet-based tracking systems.
- Built and integrated ServiceNow automation APIs eliminating manual provisioning processes and reducing order processing time from days to hours.
- Designed and engineered bulk operations system enabling concurrent processing of hundreds of orders with thousands of line items using async workers with pgqueue for background job processing and comprehensive error handling.
- Developed cross-carrier global search functionality providing real-time inventory visibility across all carriers simultaneously, eliminating manual carrier-by-carrier searches for network components.
- Automated customer provisioning workflows using GCP Cloud Functions and Secret Manager, transforming manual configuration processes into scalable automated solutions.
- Collaborated in Agile sprints as technical contributor, gathering requirements from business stakeholders and translating operational pain points into actionable platform features.

Betsol - Associate Software Engineer   Bengaluru, Karnataka | Jan '22 - Mar '24
- Engineered and delivered comprehensive Windows backup and restore desktop application UI using React.js and Material-UI, featuring version history management, live progress tracking, and real-time status updates.
- Architected and deployed and deployed Key Wrapping security framework for JWT access token management, enhancing application security by 50%.
- Executed complete modernization of legacy codebase including package upgrades, advanced code obfuscation techniques, and achieved 85%+ unit testing coverage using Jest and React Testing Library.

Betsol - Software Engineer Intern   Bengaluru, Karnataka | Jan '22 - Apr '22
- Enhanced Django/React.js application by integrating SurveyMonkey APIs and implementing asynchronous survey creation.

EDUCATION

BITS Pilani WILP   Jul '24 - Jul '26
Master of Technology in Software Engineering (Ongoing), GPA: 9.28/10.0   Pilani, Rajasthan
SJB Institute of Technology   Aug '18 - Jul '22
Bachelor of Engineering in Computer Science, GPA: 9.1/10.0   Bengaluru, Karnataka

KEY PROJECTS

E-commerce Microservices Platform - *Link*   *Node.js, React.js, MongoDB, Docker, Kubernetes, RabbitMQ*
- Architected and built microservices-based e-commerce platform with 6 independent services (User, Product, Order, Payment, Notification, API Gateway).
- Established and optimized event-driven architecture using RabbitMQ for asynchronous communication, improving system scalability and fault tolerance.
- Containerized services using Docker and orchestrated deployment on Kubernetes with CI/CD pipeline.

LRU Cache Management System - *Link*   *TypeScript, Golang, WebSocket, REST APIs*
- Built web-based Least Recently Used (LRU) cache with auto-eviction, live updates, and concurrency handling.

School Vaccination Portal - *Link*   *React, TypeScript, Node.js, Material-UI, JWT*
- Created a full-stack web application for managing school vaccination drives with role-based authentication and real-time dashboard using Agile methodology.

CERTIFICATIONS & ACHIEVEMENTS

Professional Certifications:
- Microsoft Certified: Azure Fundamentals - Microsoft Credly Badge
- Advanced Java Programming - NIIT Certificate
- Modern JavaScript Development - Udemy Certificate
- Modern HTML5 & CSS3 - Udemy Certificate

Awards & Recognition:
- Above and Beyond Award - Betsol (August 2024)
- Spot Award - Betsol (July 2023)
- Team Excellence Award - Betsol (5x recipient: Nov 2022, Jan 2024, Aug 2024, Jan 2025, Jul 2025)