

ANIL KUMAR P

Cloud & Backend Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Cloud and Backend Engineer with **8+ years** of experience **designing** and **deploying scalable backend** systems and **cloud-native infrastructures**. Strong expertise in **Kubernetes, Docker**, and **cloud platforms AWS, Azure, and GCP**. Experienced in **full-stack development** using **Node.js, Express.js, PostgreSQL, MongoDB**, and **RESTful APIs**, with **frontend** exposure to **React.js** and **AngularJS**. Proficient in **secure authentication** using **OKTA, Auth0, and Azure Entra ID**, with hands-on experience in **DevOps** and **DevSecOps** practices. Delivering **high-availability Microservice Architecture** and optimizing **performance** in **Agile** environments.

SKILLS

Cloud & DevOps / DevSecOps:

Azure • GCP • AWS • E2E Networks • CI/CD • Jenkins • Concourse • Kubernetes • Docker • Helm charts • Argo CD • YAML • Microservice Architecture • JFrog

Backend And Database: Node.js • Express.js • Fastify • JOI • Cluster • PostgreSQL • MongoDB • REST APIs • SOAP API • Flyway • Prisma • Middleware

Services / Tools / SDK:

Auth0 • OKTA • Azure AD (Entra ID) • JWT • MS Graph API • ASB • Kafka • Pub/Sub • Redis • OCR • OpenAI • GenAI • Snyk • Trivy • Burp Scan • Veracode • SonarQube • VAPT • Message Broker • Bull MQ • Redis • S3 • Cloud Storage • Functions • 8th Wall

Frontend (Secondary):

Angular.js • React.js • HTML • CSS • Bootstrap • Augmented Reality • Three.js • SSO • A-Frame • JS ArToolKit • AR Code • Web XR • PWA • MUI • TanStack

Key Achievements

 Microsoft Certified: Azure AZ-900

 Innovation Award (2024–25)

 Excellence in Performance (2021–22)

EXPERIENCE

SLK Software Pvt Ltd (Part of Altimetrik Group)

Bengaluru, INDIA

Lead Software Engineer

04/2024 - Present

- Leading and mentoring **cloud and software engineers**, providing **technical** guidance across **backend, cloud** and **frontend** verticals, proactively identifying and mitigate technical risks. Manage project resources by **defining scope, timelines, and deliverables**; conduct regular code reviews to ensure adherence to **quality standards and best practices**. Evaluate and integrate emerging technologies and tools to improve **system performance**;
- Collaborated closely with **product managers, UI/UX designers, and QA** to **streamline development** processes and ensure alignment with business goals. Oversaw full **SDLC** phases, including **planning, design, implementation, testing, and deployment**, achieving timely project delivery. Optimized **system architecture** and led database migration efforts, **improving scalability** and reducing latency by **approximately 20%**.
- Clients** : Emerson, Berry Global, Maldivian Mermaid, Internal Product , CNA
Projects : Insure AI, Dextr, Quote AI, FRP, MM-ERP, TAT, Mithril, Multiple POC's & Demos.
Tech / Tools / Services : **Node.js, PostgreSQL, Azure AD, Auth0, OKTA, GCP, Docker, Agile methodologies, Kubernetes, Microservices, MS Graph API, Gen AI, SonarQube, VAPT, Trivy / Snyk, Jenkins, ASB, Open AI, OCR, Flyway, On-Prem K8s, Grafana, Prometheus, Kiali, Webhooks integration**

V-Labs Pvt Ltd

Bengaluru, INDIA

Senior Software Engineer

08/2021 - 04/2024

- Developed reusable components reducing development effort by **80%**, optimized critical module performance by **68%**, and built **RESTful API's** using **Node.js / Java** in **microservices architecture** which significantly improved backend service capabilities and **AI-driven data handling**.
- Integrated secure authentication and authorization methods using **OKTA (SSO), Auth0, Azure AD** and **JWT**, ensuring robust and **secure communication** across applications.
- Formulated **cloud infrastructure architectures** and **end-to-end CI/CD (Jenkins / Concourse)** pipeline designs, implementing **QA practices** using **Veracode, SonarQube** and **Stackdriver**.
- Clients** : CNA, Finolex
Projects : NBSI, Endorsement, POC's & Demos
Tech / Tools / Services : **Node.js, Express.js, PostgreSQL, Docker, Kubernetes, GCP, OKTA, Auth0, JWT, Microservices, Veracode, SonarQube, Stackdriver**.

Immersion Software Labs Pvt Ltd

Bengaluru/Hyd, INDIA

Software Developer

02/2017 - 08/2021

- Developed full-stack web applications specializing in **Frontend UI, Backend services and deployment** in **AWS Cloud** environments.
- Built responsive **Progressive Web Applications (PWAs)** integrated with **Google Analytics**.
- Created interactive **Augmented Reality (AR)** web experiences using frameworks such as **A-Frame, Three.js** and **JSArToolKit**, optimizing 3D rendering and performance. Implemented robust web APIs, caching mechanisms and proxy services to ensure cross-device responsiveness
- Managed and maintained **AWS Infrastructure**, including server configurations, **EC2 instances, S3 storage, auto-scaling groups, security groups, and load balancing** with **ELB** within a **VPC**.
- Clients** : ALS, In - House Product
Projects : AR Cards, L Catalog, Multiple Projects on AR
Tech / Tools / Services : **AngularJS, Node.js, MongoDB, AWS, PWA, Augmented Reality (A-Frame, Three.js, JSArToolKit, WebXR, Babylon.js, 8th Wall)**.

Education

VITAM College Of Engineering, JNTUK

Visakhapatnam, INDIA

B-Tech in Computer Science Of Engineering

2015