M Lalith Kumar

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EDUCATION

Nitte Meenakshi Institute of Technology   Bengaluru, Karnataka
Bachelor of Engineering in Computer Software Engineering   *Sep 2024 – Aug 2028*

St. Joseph's Pre-University College   Karnataka
Pre-University (PCMC) - Science Stream   *Jun 2022 – Mar 2024*

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C++, SQL, HTML5, CSS3
Frameworks & Libraries: Node.js, Express.js, React, MongoDB, NoSQL
Cloud & DevOps: Amazon Web Services (AWS), Microsoft Azure, CI/CD, GitHub Actions, Docker
Developer Tools: Git, GitHub, JetBrains Suite, VS Code, Linux (Arch/KDE Plasma), Bash Scripting
Core Competencies: Full-Stack Development, RESTful APIs, System Design, Database Architecture, Agile

EXPERIENCE

Software Development Team Lead   Sep 2024 – Present
Adhyang Marg - Smart India Hackathon 2025 Qualifier   *Bengaluru, Karnataka*

- Led cross-functional team of 6 developers to build full-stack educational platform, successfully qualifying for Smart India Hackathon 2025 national rounds through technical excellence and collaborative innovation
- Architected scalable microservices backend using Node.js and MongoDB, supporting 500+ concurrent users with 99.9% uptime and sub-200ms API response times
- Established Git workflow best practices including branch protection and code reviews, reducing merge conflicts by 80%
- Implemented CI/CD pipeline using GitHub Actions, reducing deployment time from 2 hours to 15 minutes

PROJECTS

Adhyang Marg | *Node.js, Express.js, MongoDB, React, AWS/Azure*   GitHub

- Engineered full-stack educational platform serving 500+ students with course management, progress tracking, and real-time collaborative tools using modern web technologies
- Designed RESTful APIs with JWT authentication, role-based access control, and data encryption ensuring secure multi-user workflows
- Optimized MongoDB database queries and indexing strategies, improving data retrieval speed by 60% and reducing server costs by 30%
- Deployed containerized application on cloud infrastructure with auto-scaling, achieving 99.9% availability and handling 10K+ daily requests

Personal Portfolio Platform | *HTML5, CSS3, JavaScript, Azure Static Web Apps*   lalith.live

- Developed responsive portfolio website with modern UI/UX principles, achieving 95+ Google Lighthouse performance score
- Implemented automated CI/CD deployment pipeline using GitHub Actions and Azure Static Web Apps for zero-downtime updates
- Configured custom DNS and SSL certificates for production domain, ensuring secure HTTPS connections and SEO optimization
- Integrated EmailJS API for serverless contact form functionality, processing 100+ monthly inquiries without backend infrastructure

CERTIFICATIONS & ACHIEVEMENTS

Introduction to MongoDB – MongoDB University (Completed 2024)
Smart India Hackathon 2025 – Internal Round Qualifier (Top 10% of 500+ participating teams)
Technical Interests: Cloud Computing, DevOps, Distributed Systems, System Architecture, Cybersecurity, Open Source