S Kumar Dhananjaya

Karnataka, India

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EDUCATION

Maharaja Institute of Technology Thandavapura   **Mysuru, India**
*Bachelors of Engineering in Computer Science (**CGPA: 8.61**/10)*   **2019 – 2023**

SKILLS

Languages: JavaScript, TypeScript, Java, Python, C/C++, Golang
Frontend: ReactJS, NextJS, React Native, Redux, HTML, CSS
Backend: NodeJS, Express, Spring, MongoDB, PostgreSQL, MySQL, REST API's, GraphQL, WebSockets, gRPC
DevOps & Cloud: Azure, Docker, Kubernetes, NGINX, CI/CD (GitHub Actions, Azure DevOps), Git, Terraform (IaC)

WORK EXPERIENCE

Examic EdTech   **Mysuru, India**
Associate Software Engineer   ***Jul 2024 – Present***
- Architected and delivered a highly available, real-time assessment platform on Azure, leveraging WebSockets for low-latency (< 150ms) proctoring communication. Secured system ingress using NGINX reverse proxies and implemented automated CI/CD pipelines enabling zero-downtime deployments, significantly improving platform stability and scalability under load.
- Developed a secure education e-commerce portal handling 1000+ concurrent transactions; optimized MongoDB schemas to cut data latency by 25%.
- Created cross-platform mobile apps (iOS/Android) using React Native, delivering responsive, mobile-first UIs.

Kandra Digital Pvt. Ltd.   **Bengaluru, India**
Full-Stack Developer Intern   ***Feb 2024 – Jul 2024***
- Built full-stack MERN applications (*GlobalTrans, Team Trip, Job Portal*) with scalable backend, frontend, and admin panels.
- Optimized deployments on DigitalOcean using Docker, ensuring reliable cloud infrastructure and CI/CD pipelines.
- Enhanced server-side rendering and performance using Next.js for production-grade web applications.

CAIR-DRDO   **Bengaluru, India**
Software Developer Intern   ***Aug 2022 – Oct 2022***
- Developed and optimized a Java-based internal workflow application, achieving a 40% reduction in critical task completion times and significantly enhancing operational efficiency for research teams.
- Spearheaded the successful deployment of the application across 5 key internal departments within DRDO, resulting in an 80% increase in user adoption rate within three months post-launch.
- Implemented a user-centric, responsive UI design based on iterative feedback, directly contributing to a 25% improvement in measured user satisfaction ratings compared to the previous system.

PROJECTS

ConnectX - Real-Time Social Platform   **Aug 2023**
Node.js, React, MongoDB, WebSockets, JWT, Redux
- Engineered a full-stack social media platform implementing real-time features (chat, notifications) via WebSockets.
- Designed secure user authentication/authorization using JWT and optimized MongoDB indexing for efficient data retrieval under simulated load (100+ concurrent users), demonstrating scalable application architecture.

MITT App - Official College Mobile App   **May 2022**
Java, Android SDK, Firebase (FCM, Realtime DB), XML
- Developed and launched the official college Android application, achieving adoption by 300+ active users (students/faculty) and streamlining campus communication.
- Implemented core features including real-time push notifications (FCM) for critical updates and seamless data access (Firebase Realtime DB), reducing information lag by 50%+ (estimated).

E-commerce Web App (Amazon Clone)   **Jun 2021**
React, Node.js, Redux, Firebase Auth/Hosting, GCP Storage, Stripe API
- Built a full-stack e-commerce web application replicating core Amazon functionality (product Browse, cart management, user auth).
- Integrated Stripe API for secure checkout simulation and utilized Google Cloud Storage for media assets, deploying via Firebase.

LEADERSHIP & ACHIEVEMENTS

- **President** (2022-23) & **VP** (2021-22), Clusteroids Club (Led workshops, grew membership 20%)
- **President**, ACES Club (Organized 5+ events incl. industry talks, Jan-Jun 2023)
- **Lead Organizer**, 24-hour Inter-college Hackathon (100+ participants, w/ our industry partners)
- **1st Place**, Inter-College Web Dev Competition (Built Travel Web App in 3 hrs)
- **2nd Place**, HPE SWARM-IT National Hackathon (Developed Rat-Maze with Dijkstra's algorithm solution)
- **Best Idea Award**, GND National Technical Symposium (Proposed Research Paper for Wildlife Conservation)