CHAMAN CHANGAPPA H.A

Karnataka, India

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EDUCATION

National Institute of Technology Karnataka, Surathkal   **Nov 2022 – Apr 2026**
Bachelor of Technology in Electrical Engineering - CGPA: 7.16/10   *Surathkal, Karnataka*

VIDYA JYOTHI PU COLLEGE   **June 2020 – April 2021**
KSEB XII Board Examination - Percentage: 87.2%   *Kolar, Karnataka*

LAKE MONTFORT SCHOOL   **June 2014 – July 2019**
CBSE X Board Examination - Percentage: 86.2%   *Bengaluru, Karnataka*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- DBMS
- OOPS Concept
- Web Development
- Team Collaboration
- Code Writing

Experience

ChangePay ⧉   **Aug 2025**
SDE Intern   *Remote*

- Developed RESTful APIs (`Get Businesses`, `Get Clusters`) with status-based filtering and pagination to support scalable business operations.
- Implemented secure OTP/password login with role-based tokens (`PROVIDER`, `ADMIN`) for controlled access.
- Integrated with MongoDB for business metadata; optimized queries using filtering and indexing.
- Collaborated with frontend engineers to connect APIs with dashboards, enabling business approval workflows.

PROJECTS

Mock Interview ⧉ | Next.js and PostgreSQL   **June 2024**

- Built a platform where users can input their details and take a mock AI-powered interview to assess and improve their skills.
- Leveraged **Next.js** for server-side rendering and seamless navigation between interview stages.
- Utilized **GeminiAI** to simulate real interview scenarios with intelligent responses based on user inputs.
- Integrated **Postgres SQL** to manage and store user data, interview progress, and results.

Carbonal ⧉ | React Native   **Oct 2024**

- Designed and developed a cross-platform mobile application to promote sustainable living by helping users track their carbon footprint.
- Implemented a backend with **Node.js** and **MongoDB** for scalable user data management and efficient activity tracking.
- Integrated secure user authentication with **JWT (JSON Web Tokens)**, ensuring data privacy and security
- Optimized MongoDB queries and implemented caching strategies to improve API performance and reduce latency.
- Designed and consumed RESTful APIs

TECHNICAL SKILLS

Languages: Java,C++,JavaScript, Python
Developer Tools: VS Code
Databases: MongoDB, Postgres, MySQL
Technologies/Frameworks: Git, GitHub, ReactJS, React Native, NextJS, NodeJS, ExpressJS, Mongoose

EXTRACURRICULAR

E-CELL, National Institute of Technology Karnataka   **May 2024 - June 2024**
Publicity Manager   *Surathkal, Karnataka*

- Led publicity efforts for E-Cell events, driving participation through workshops, guest lectures, and hackathons.
- Organized poster campaigns and student outreach to boost campus involvement.
- Secured partnerships with local businesses for event sponsorship and resources.
- Collaborated with team leads to align marketing strategies with E-Cell's mission to promote entrepreneurship.