Akshay Kumar B B

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PROFILE

Motivated and detail-oriented **Full Stack Developer** pursuing a **B.E. in Computer Science and Engineering** (CGPA: 9.05). Skilled in developing **real-time, scalable web applications** using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**. Strong foundation in **Java**, **C**, and modern JavaScript, with proven ability in **problem-solving**, **API integration**, and **collaborative software development**.

EDUCATION

JSS Science and Technology University, Mysuru, India   2023 – 2027 (Expected)
Bachelor of Engineering in Computer Science and Engineering
Cumulative GPA: 9.05

PPC Udupi, Udupi, India   Completed 2023
Senior Secondary (PCMB)
Percentage: 93.5%

TECHNICAL SKILLS

Programming Languages: Java, C, C++, JavaScript (ES6+), SQL

Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs

Databases: MongoDB, MongoDB Atlas, PostgreSQL

Developer Tools: Git, GitHub, Visual Studio Code, Postman

Soft Skills: Problem Solving, Team Collaboration, Communication, Quick Learning

PROJECTS

Event Management System (Full-Stack Web Application)   2025
Technologies: MongoDB, Express.js, React.js, Node.js, JWT

- Designed and developed a full-stack platform for college clubs to create, manage, and promote events with user registration features.
- Implemented secure authentication and role-based authorization using JSON Web Tokens (JWT).
- Built RESTful APIs with Node.js and Express.js for event management and user data operations.
- Developed a responsive React front end to deliver seamless event browsing and registration experiences.

Chat Application (MERN Stack Project)   2025
Technologies: React.js, Node.js, Express.js, MongoDB, Socket.IO, REST APIs

- Built a full-stack real-time chat application enabling instant text and image messaging using Socket.IO.
- Created an interactive, responsive front end with React Hooks and efficient state management.
- Integrated secure authentication and optimized message storage using Node.js, Express.js, and MongoDB.
- Developed REST APIs for user profiles, conversations, and media management.

EXPERIENCE

Data Visualization Virtual Experience Program   Feb 2024
Tata Consultancy Services (Forage) — Remote

- Created interactive Tableau dashboards to visualize performance trends and insights.
- Analyzed data for executive decision-making and presented concise summaries of findings.
- Strengthened analytical thinking and business communication through project deliverables.

ACHIEVEMENTS

- Solved 100+ Data Structures and Algorithms problems on LeetCode, enhancing algorithmic thinking.
- Participated in a National-Level Hackathon at VVCE Mysuru, delivering a working prototype within tight deadlines.