

# BHAVYA MITTAL

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## SKILLS

**Backend Frameworks:** Node.js, Express.js, FastAPI  
**Programming:** C, C++, Python, JavaScript, SQL  
**Databases:** MySQL, MongoDB, PostgreSQL, Redis  
**Cloud & Tools:** Microsoft Azure, AWS, Git, GitHub, Postman

## WORK EXPERIENCE

**Backend Intern (ONSITE)** Nov 2024 - Feb 2025  
Faze Technologies India Pvt. Ltd. (FanCraze) *Delhi, INDIA*

- Maintained scalable microservices using Node.js to support the Backend-for-Frontend (BFF) architecture.
- Implemented Redis Pub/Sub for real-time data synchronization across services, improving system responsiveness.
- Optimized MongoDB integrations for secure APIs, enhancing performance, and ensuring data consistency.

**SDE Intern** Sep 2024 - Nov 2024  
Deepsynergy Tech Pvt. Ltd. (Kare AI) *Bangalore, INDIA*

- Optimized AI chat interfaces with ReactJS, TailwindCSS, and Recharts for better visualization and user experience.

## PROJECTS

- **JOBHACK :** [Link](#) [LIVE](#) 🌐 : Node.js, Express.js, MongoDB, React.js  
Developed a dynamic job posting and web application with JWT and role-based authentication for secure access. Optimized database queries and used data normalization techniques for efficient performance and scalability.
- **SLACK WEB APP :** [Link](#) [LIVE](#) 🌐 : Node.js, Express.js, MongoDB, PostgreSQL, React.js  
Collaborative platform with real-time messaging and calling, file sharing, task management. Optimized performance and reliability, reducing communication latency by 37% and increasing file exchange efficiency by 22%.
- **INVOICE DETAILS EXTRACTOR :** [Link](#) : Python, PaddleOCR, PyMuPDF, GENAI, Streamlit  
Developed a PDF and image-based invoice data extraction tool, achieving 98% accuracy by combining OCR and AI-based techniques. Supported multiple invoice formats and enhanced data extraction efficiency.
- **MED-BUDDY :** [Link](#) : FastAPI, GenAI, MongoDB, React.js  
Developed an Artificial Intelligence driven chatbot for medical appointment booking using the Gemini Pro model, automating scheduling and improving real-time patient-provider communication for better efficiency.
- **NEXUS :** [Link](#) : FastAPI, GenAI, PostgreSQL, MongoDB, ReactJS  
Designed an AI-powered data analyst with natural language query for structured datasets. Integrated CoT & ToT reasoning, improving query accuracy to 96% and enabling dynamic, intuitive data visualizations for better insights.

## EDUCATION

- **JSS Academy of Technical Education** (Expected 2025)  
B.Tech Computer Science Engineering **CGPA: 8.57**
- **Relevant Coursework:** Web Development, Database Management Systems, Data Structures & Algorithms, Machine Learning, Computer Networks

## ACHIEVEMENTS

### Hackathons

- **AISummit2024** by KareAI **WINNER**

### Competitive Programming

- **ICPC** [India 2023](#) AIR 37 (ICPC Kanpur Regional)
- **GOOGLE** [KickStart](#), **META** [HackerCup](#) Rank: 3518th, Rank: 3532th
- **CodeChef** [bhavya\\_1729](#), **Codeforces** [bhavya\\_1729](#) "3 Stars 1687 rating", "Specialist, 1427 rating"
- **LeetCode** [bhav1729](#) Knight, 1000+ problems, 1880+ rating

## EXTRACURRICULAR ACTIVITIES

- **Google Developer Student Clubs (Programming Head):** Led workshops, seminars, & tech events, impacting over 500 students while promoting innovation & collaboration.