BHAVYA MITTAL

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SKILLS

Frontend:	ReactJS, HTML, CSS, JavaScript, Tailwind
Backend:	NodeJS, ExpressJS, FastAPI, RESTful APIs
Databases:	PostgreSQL, MongoDB, MySQL, SQLite
Tools & DevOps:	Git, GitHub, Docker, VS Code, Bootstrap, Redis
Other:	Python, C++, Java, Machine Learning, TensorFlow, GenAI

EDUCATION

- **JSS Academy of Technical Education** *(Expected 2025)*
  B.Tech Computer Science Engineering   **CGPA:** 8.57

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](#)* 🌐   *: NodeJS, ExpressJS, MongoDB, ReactJS*
  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](#)* 🌐   *: NodeJS, ExpressJS, MongoDB, PostgreSQL, ReactJS*
  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%.
- **MED-BUDDY :** *[Link](#)*   *: FastAPI, GenAI, MongoDB, ReactJS*
  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.
- **INVOICE DETAILS EXTRACTOR :** *[Link](#)*   *: Python, PaddleOCR, PyMuPDF, GENAI, Streamlit*
  Built an OCR-based tool for extracting and structuring invoice data from PDFs and images with 98% accuracy. Integrated GenAI for intelligent data parsing, enhancing efficiency and supporting multiple formats.

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):** Organized full stack development workshops & hackathons, mentoring over 500 students in web technologies & agile development practices. Led events such as SORTED & CRACK THE SHELL, promoting innovation in web development.