



AKSHAT BANSAL

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Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio
Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress

Education

VIT Bhopal University **Oct. 2022 – May 2026**
B.Tech - CGPA-7.61 *Bhopal, MP*

Kautilya School **April 2019 – July 2021**
PCM - Percentage-74.8% *Kota, Rajasthan*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Projects

SortSpectra | *HTML, Tailwind CSS, NextJs* **March-May 2023**

- Developed an interactive sorting visualizer featuring 5 algorithms, boosting engagement by 30%
- Designed a responsive web app with 100% cross-device compatibility
- Optimized sorting logic, reducing load times by 20%.

TripGenie | *ReactJs, Firebase, GeminiAI* **Aug- Sept 2024**

- Designed and deployed an AI Trip Planner using React.js, Firebase, and Gemini AI to automate travel planning.
- Integrated real-time collaboration, budget tracking, and secure cloud storage for enhanced user experience.
- Implemented authentication and AI-driven recommendations, improving trip customization by 40%.

Mumble | *ReactJs, WebRTC, Agora SDK* **Oct- Dec 2024**

- Built a real-time Video Calling Chat App using React.js, WebRTC, and Agora SDK for 100+ users.
- Integrated Firebase for authentication and real-time messaging, ensuring scalability
- Optimized streaming with AI-driven bandwidth management, cutting latency by 40%.
- Added an NLP chatbot for smart replies, boosting engagement by 60%.

Certifications

Bits and Bytes of Computer Networking **2023**
Coursera, by Google

National Programme on Technology Enhanced Learning (NPTEL) **2023**
IIT Kharagpur

Python Essentials **2023**
Vityarthi

Stock Market Analysis and Trading **2024**
StockGro

Fintech **2023**
StockPe