

Devansh Kumar Gupta

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Education

Vellore Institute of Technology, Bhopal

Bachelor of Science in Computer Science, CGPA - 9.22

Bhopal, Madhya Pradesh

Oct 2022 – July 2026

DAV Public School

Class XII, Percentage - 87%

Kota, Rajasthan

April 2021 - July 2022

DAV Public School

Class X, Percentage - 90%

Kota, Rajasthan

April 2019 - July 2020

Skills

Languages

Python, C/C++, SQL, JavaScript, HTML/CSS, Java

Web Development

React.js, Next.js, Node.js, Express.js, MongoDB

App Development

Expo, React Native

DevOps & Cloud

Git, GitHub, CI/CD, AWS (EC2, RDS, S3, Lambda, Amplify, Cognito)

Projects

Shedly — *Next.js, Tailwind CSS, Redux Toolkit, Node.js, Express, Prisma, PostgreSQL, AWS EC2, RDS, S3, Amplify, Lambda, Cognito* **April 2025**

- Developed a full-stack project management dashboard with real-time data management and cloud integration, enabling users to track projects, clients, and tasks efficiently.
- Built a responsive frontend using Next.js, Tailwind CSS, Redux Toolkit, Redux Toolkit Query, and Material UI Data Grid for seamless user experience and dynamic data handling.
- Designed and implemented a Node.js backend with Express and Prisma (PostgreSQL ORM), managing relational data and providing secure API endpoints.
- Integrated AWS services including EC2, RDS, API Gateway, Amplify, S3, Lambda, and Cognito for scalable, secure cloud infrastructure and authentication.
- Features: User authentication, project-client management, dynamic dashboards, Gantt chart integration, cloud-hosted PostgreSQL database, and responsive UI.
- GitHub: github.com/CodeReb00t/Shedly

DBackend - Open Source Backend Toolkit — *Node.js, Express.js, MongoDB, JWT* **May 2025**

- Designed and built a modular open-source backend library to streamline backend service integration for developers.
- Focused on developer experience and community extensibility, making the library plug-and-play for common backend needs.
- Features: Authentication handling, API Handling, database abstraction layer, and logging middleware.
- Documentation: dbackend-docs.vercel.app
- GitHub: github.com/CodeReb00t/dbackend

WhatsApp Analyzer — *Python, Streamlit, Pandas, Matplotlib, Seaborn, WordCloud* **Aug 2023**

- Developed a web application using Streamlit to analyze WhatsApp chat data.
- Key Features: File upload, statistics dashboard, message timelines, activity maps, user analysis, word cloud, common words analysis, emoji analysis.

Experience and Certificates

ISRO Robotics Challenge - URSC Participant

Sept 2023 – Jan 2024

- Selected from over 50 teams for innovative rover design.
- Collaborated with electrical and mechanical teams for seamless integration
- Researched algorithms and computer vision for autonomous navigation
- Advanced to inter-level competition among 5-10 selected teams.

Certifications and Training

Oct 2022 – Present

- AWS Certified Cloud Practitioner
- IBM AI Engineering Professional Certificate
- Mastering Data Structures and Algorithms Using C and C++
- NPTEL Certification – Cloud Computing