Priyanshu Kanyal

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EDUCATION

Vellore Institute of Technology, Amaravati Sep 2022 – Sep 2026
B.Tech in Computer Science **CGPA: 9.17/10**

Army Public School, Meerut Cantt Apr 2020 – Mar 2021
Senior Secondary (CBSE) **Percentage: 96%**

Army Public School, Ranikhet Apr 2018 – Mar 2019
High School (CBSE) **Percentage: 98.2%**

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** (Valid: Jun 2025 – Jun 2028)
  Validated knowledge of AWS core services, cloud architecture, security, and billing.

- **Oracle Cloud Infrastructure Generative AI Professional** (Jul 2025)
  Demonstrated proficiency in building, deploying, and securing GenAI solutions using Oracle Cloud services, large language models, and vector search APIs.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript
Databases: SQL, MongoDB
Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA
Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), RESTful APIs ,

Agile Development, Software Development Lifecycle (SDLC)

PROJECTS

Family Expense Tracker *MongoDB, Express.js, React.js, Node.js*

- Designed a full-stack web application to manage and visualize income/expenses for 10+ user profiles.

- Implemented a dynamic dashboard using React.js with category-wise and timeline-based filtering.

- Utilized MongoDB Atlas for storing user data with robust schema validation and aggregation pipelines.

- Enabled real-time updates and intuitive charts using React-Chartjs-2 and responsive design via Tailwind CSS.

Population Predictor *Python, Matplotlib, Seaborn*

- Developed a regression model using open-source data to predict population trends across 150+ countries.

- Visualized growth trends and urbanization shifts using Seaborn and Matplotlib charts.

- Enhanced user understanding of demographic changes through comparative dashboards and filtering.

EXTRACURRICULAR

Technical Team Member, CodeChef VIT-AP Chapter Mar 2024 – Aug 2024

- Organized 10+ workshops on Data Structures and Programming with 30–50 attendees per session.

- Mentored 15+ juniors in competitive coding and hosted weekly contests on platforms like LeetCode.

COURSEWORK

- Object-Oriented Programming (OOP)
- Data Structures and Algorithms (DSA)
- Database Management Systems (DBMS)
- Operating Systems (OS)
- Computer Networks