Sunilkumar Minuku

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Bachelor of Technology

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CSE(AIML)

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Sri Venkateswara College of Enginneering , Tirupati

github.com/minukusunilkummar1910

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.,CSE (AIMl)	SVCE , Tirupati	8.7	2023-2027
Senior Secondary	BIEAP	96.5	2021-2023
Secondary	SSC	10	2020

EXPERIENCE

- **Smart India Hackathon (SIH) 2024** 🌐 — *Mar 2024 – Apr 2024*
  Team Lead & Full Stack Developer — Remote / India
  ◦ Developed a full-stack solution to address a real-world problem statement under the Ministry domain.
  ◦ Implemented MERN stack technologies, enhancing system efficiency and responsiveness by 40%.
  ◦ Conducted usability analysis and optimized feature set based on mentor feedback and testing.
  ◦ Presented the solution in the internal college round; shortlisted for national-level participation.

- **Attendance Tracker Web App** 🌐 — *Aug 2023 – Oct 2023*
  Backend Developer — Sri Venkateswara College of Engineering
  ◦ Engineered a role-based attendance system with location validation using Node.js, Express, and MongoDB.
  ◦ Developed secure login and access control, improving admin efficiency and reducing errors by 70%.
  ◦ Implemented automated attendance reporting and API-driven validation for real-time updates.
  ◦ Conducted functional and API testing using Postman, ensuring consistent system reliability.

PROJECTS

- **Project A: Smart Attendance Tracker Web App** — *Aug 2023 – Oct 2023*
  Tools: MERN Stack (MongoDB, Express.js, React, Node.js), JWT, Postman
  ◦ Developed a location-based attendance system with admin and faculty login roles.
  ◦ Implemented JWT authentication for secure access and role validation, improving reliability.
  ◦ Created a dashboard for real-time tracking and reporting of attendance records.
  ◦ Applied Postman to test APIs and ensure efficient backend performance and data consistency.

- **Project B: Periodic Pro Game (Elemental Power Game)** — *Jan 2024 – Mar 2024*
  Tools: MERN Stack, React, CSS Animations, MongoDB
  ◦ Designed a two-player board game using periodic elements where each element has a unique power.
  ◦ Implemented custom logic for 30+ elements with abilities like teleport, trap, and boost.
  ◦ Developed animated UI with colored element highlights (e.g., red for danger, green for benefit).
  ◦ Stored game data and powers dynamically using MongoDB and optimized React state management.

SKILLS

- **Programming Languages**: Java, Javascript
- **Technologies**: MERN Stack (MongoDB, Express.js, React, Node.js), AWS, Docker, REST APIs, JWT
- **Tools**: Git, GitHub, Postman, Visual Studio Code, MongoDB Compass, npm, webpack

CERTIFICATIONS

- **MentiBy**, Web Development Certification — *August 2024*
- **APNA College**, DSA in Java Certification — *March 2025*

ACHIEVEMENTS

- 2nd round of hackathon interview
- Selected for web development project on Periodic Table game
- Completed web development training program

POSITIONS OF RESPONSIBILITY

- **Hackathon Participant,** Sri Venkateswara College of Engineering, Tirupati — *2024*
- **Project Developer,** Sri Venkateswara College of Engineering, Tirupati — *2025*