RAVI BODDAPTI

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SUMMARY

Proactive and adaptable Computer Science student with a strong foundation in Full-Stack Development and a growing expertise in AI/ML. Passionate about building scalable, user-centric web applications and solving real-world problems through technology. Eager to contribute as an SDE Intern by leveraging hands-on experience with Node.js, Express.js, and machine learning tools to deliver impactful, innovative solutions in a dynamic environment.

EDUCATION

BTech in Computer Science (AIML), Vishnu Institute of Technology, Bhimavaram **2022 − 2026**

*CGPA: **8.5**/10 (up to 6th semester)* — *Percentage: **80.5%***

SKILLS

- **Programming Languages:** Python, JavaScript (Node.js), Java
- **Web Development:** Express.js, React.js, Next.js, Bootstrap, RESTful API Development
- **Machine Learning:** Natural Language Processing(NLP), Scikit-learn, TensorFlow
- **Databases:** MongoDB, PostgreSQL, Cassandra, Firebase
- **Testing & API Tools:** Selenium, Jest, Supertest, Postman
- **Tools & Platforms:** Git/GitHub, VS Code, Windows, Linux
- **Data Visualization Tools:** Power BI, Tableau, Matplotlib

SOFT SKILLS

- Problem Solving • Time Management • Team Collaboration • Adaptability

EXPERIENCE (INTERNSHIPS)

Slash Mark IT Solutions | **Machine Learning Intern** | **Remote** May 2024 – July 2024

- Built and fine-tuned ML models, improving client-side prediction accuracy by **18%**. Certificate
- Automated preprocessing pipelines and streamlined data workflows, boosting team productivity by **20%**.

InnoByte Services | **Backend Developer Intern** | **Remote** April 2025

- Developed a secure REST API for a blog app (Node.js, Express, MongoDB) improving performance by **40%**.
- Implemented JWT auth, RBAC, SEO-friendly slugs, and interactive features (like/unlike, search/filter).
- Achieved **95%** test coverage using Jest/Supertest; documented 100% endpoints in Postman. ○ GitHub

PROJECTS

*Ecommerce Application ML | React | Node | Express | MongoDB

- **Building** a scalable full-stack Ecommerce platform to streamline product and user management by **40%**.
- Implements intelligent ML-based search improving product discoverability by **60%**.
- Integrates an NLP chatbot, reducing support query resolution time by up to **50%**.
- Aims to provide a robust, modern shopping experience with enhanced user satisfaction. ○ GitHub

Resume Builder EJS | Node | Express | PostgreSQL | Passport.js | Bcrypt.js

- Developed a web app that helped users generate professional resumes in under **2 minutes**.
- Features secure login, **2+** dynamic templates, and real-time preview customization.
- Designed to simplify job applications, boosting submission efficiency by **70%**.
- ▶ Presentation ○ GitHub

Sports Scheduler EJS | JS(Node.js) | Express | PostgreSQL | Bcrypt.js

- Built a role-based session management system used to schedule **100+** sports events.
- Enabled instant session creation and join-in for players, reducing scheduling time by **60%**.
- Implemented secure login and real-time updates to improve trust and usability.
- ▶ Presentation ○ GitHub

ACHIEVEMENTS

- Cracked GATE 2025 (Data Science & AI) with a score of **385** and **AIR 6000** in **3rd year** of B.Tech, securing **100%** accuracy in first attempt. (Scorecard)
- Led the college basketball team as Captain to secure Runner-up position at the Central Zones Tournament held at Laki Reddy Bali Reddy College, Vijayawada, conducted by JNTU Kakinada. (Certificate)