PRUDHVI AKULA
Software Developer | Full-Stack Web Development

Email: prudhviakula92@gmail.com
Phone: +91 9494662748
LinkedIn: https://linkedin.com/in/prudhvi1519
GitHub: https://github.com/prudhvi1519
https://prudhvi-portfolio-website.vercel.app

PROFILE SUMMARY

Motivated Full-Stack Developer skilled in building and deploying scalable, responsive web applications using Python/Django, React.js, and Next.js. Hands-on with AWS (S3, EC2), and CI/CD pipelines. Strong knowledge of RESTful APIs, unit testing, and agile methodologies. Known for delivering high-impact features with clean, maintainable code in cross-functional teams.

TECHNICAL SKILLS

- **Programming & Databases**: Python, C++, JavaScript/TypeScript, Java (basics), MySQL, NoSQL
- **Frameworks & Libraries**: Django, React.js, Next.js, Node.js, Bootstrap, Tailwind CSS, Framer Motion
- **Cloud & DevOps**: AWS (S3, EC2, API Gateway), Docker (basics), GitHub Actions CI/CD, Linux, VS Code
- **Concepts & Tools**: RESTful APIs, OOP, SDLC, Secure Coding, Responsive Design, Unit Testing (pytest), Agile/Scrum
- **Soft Skills**: Communication, Team Collaboration, Leadership, Troubleshooting, Open Source Contribution

INTERNSHIP EXPERIENCE

Full Stack Intern: NirveonX Pvt. Ltd.   April 2025 – June 2025

- Engineered 12+ React/Next.js modules integrating WebRTC for continuous AI-assistant audio/video chat, boosting weekly user interactions by 25% and slashing load times by 18%.
- Implemented Tailwind CSS UI components across six sprints, accelerating front-end development by 25%.

AWS Intern: BrainOvision Solutions Pvt. Ltd.   July 2022 – August 2022

- Configured high-availability AWS infrastructure achieving 99.9% uptime for critical services supporting 250+ daily users.
- Tuned eight REST API endpoints, reducing 95th-percentile latency and improving API uptime to 99.8%.

PROJECTS

Portfolio Website   (Next.js, React, TypeScript, Tailwind CSS, Framer Motion, Spline, SVG)

- Engineered an interactive portfolio by embedding 3D Spline models with a dynamic canvas background and custom cursor burst effects, delivering an immersive user experience, resulting in 50+ unique weekly visits.
- Integrated a serverless contact form with native API Gateway, capturing 250+ monthly leads at 95% success rate.

Pins Studio Web Application   (Django, MySQL, Masonry.js, Python, JS, Unsplash API)

- Implemented seamless infinite scroll and adaptive grid layouts, extending average session length by 40% ($3.2 \rightarrow 4.5$ min).
- Secured OAuth 2.0 authentication and sculpted RESTful CRUD APIs for pins, profiles, and media management.

Python Code Editor & Compiler   (Django, CodeMirror, HTML, CSS, JS, Python)

- Built a CI/CD-driven code sandbox with 99% automated test coverage, guaranteeing reliable performance across devices.
- Deployed an isolated execution environment handling 250+ weekly users without escape vulnerabilities.

CERTIFICATIONS / ACHIEVEMENTS

- **Cyber Security & Privacy** from **NPTEL** ‖ • **Python Basics** from **HackerRank** ‖ • **Full Stack Python** from **PythonLife**
- **Developer & Technology** from **Forage** ‖ • **CCNA R&S** from **CISCO** ‖ • **Software Testing Course** from **Eduonix**

LEADERSHIP

- Guided a cross-functional team of three developers in agile sprints to integrate real-time communication into an AI chatbot, reducing latency by 20% and ensuring seamless multi-platform support.

EDUCATION

- **Bachelor of Technology** in **CSE**,   **NSRIT**, Visakhapatnam   CGPA: **7.49**   **2021–2024**
- **Diploma** in **Computer Engineering**,   **Andhra Polytechnic**, Kakinada   Percentage: **66%**   **2017–2020**