

# AKULA PRUDHVI

(Full-Stack Developer | AI-Driven Web Solutions)

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🌐 **Portfolio Website** ↗

## PROFILE SUMMARY

Aspiring Software Developer with hands-on experience in building scalable, AI-driven web applications using Python, Django, and React. Proficient in deploying high-availability solutions on AWS (S3, EC2). Passionate about delivering innovative software in collaborative, agile environments, with a focus on performance and user satisfaction.

## TECHNICAL SKILLS

- **Programming/Database:** Python, C++, Frontend, MySQL, PostgreSQL, Django, Bootstrap, React, Next.js, TypeScript
- **Tools/Platforms:** AWS (S3, EC2), Git, Windows, CI/CD Pipeline, Microsoft Excel, Linux, Figma, Selenium
- **Core Concepts:** OOPs, SDLC, Secure Coding, Responsive Design, Unit Testing, Project Management
- **Soft Skills:** Problem-solving, Adaptability, Communication, Teamwork, Versatility, Critical Thinking

## INTERNSHIP EXPERIENCE

### Full Stack Intern: NirveonX

📅 April 2025 – June 2025

- Developed a responsive landing page and chatbot interface for the Pet-AI using React, Next.js, and Tailwind CSS.
- Built and integrated real-time voice and video calling functionality to enhance user interactivity, collaborating with the UI/UX design team using Figma, translating mockups into scalable code, and improving user engagement by 30%.

### AWS Intern: BrainOvision Solutions Pvt. Ltd.

📅 July 2022 – August 2022

- Configured and deployed AWS S3 and EC2 instances for high-availability internal applications.
- Assisted backend teams to optimize API performance, minimize latency, and ensure cloud infrastructure reliability.

## PROJECTS

### Pins Studio Web Application ↗

(Django, MySQL, HTML, CSS, Python, JS, Unsplash API)

- Developed Pins Studio, a Pinterest-style platform, with secure authentication, dynamic pin rendering, infinite scrolling using Masonry.js, Unsplash API for pins, RESTful API with CRUD operations, and responsive navbar with animations, using Django and Bootstrap.
- Implemented scalable media uploads and user profile management with MySQL, ensuring robust data security with secure OAuth 2.0 authentication.
- Designed responsive templates for pin creation and profiles, optimizing routing via Django's MVT architecture.

### Python Compiler Web Application ↗

(Django, CodeMirror, HTML, CSS, JS, Python)

- Developed an online Python code editor and compiler, enabling code input/output with secure execution.
- Designed a mobile-responsive interface with error handling and isolated environments for seamless user experience.

## CERTIFICATIONS / TRAININGS

- **Cyber Security and Privacy** from **NPTEL** – Digital Security, Malware, Password Security, Threat Protection
- **Python Basics** from **HackerRank** – Scalar Types, Control Flow, Strings, Collections, Modularity, OOPs
- **IT Essential: PC Hardware and Software** from **CISCO Networking Academy**

## LEADERSHIP

- Led a team of 3 developers at NirveonX to design and implement real-time voice and video communication features in chatbot platforms, reducing latency by 20% and improving user satisfaction by 35% across devices.

## EDUCATION

- **Bachelor of Technology (B.Tech) in CSE** 📅 2021 - 2024  
🎓 **NSRIT**, Visakhapatnam CGPA: **7.49**
- **Diploma in Computer Engineering** 📅 2017 - 2020  
📄 **Andhra Polytechnic**, Kkd Percentage: **66%**