

# AKULA PRUDHVI

(Aspiring Full-Stack Developer)

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Portfolio

## PROFILE SUMMARY

Enthusiastic CSE graduate with strong foundations in full-stack web development, cloud computing, and software engineering principles. Hands-on experience with building AI-driven web applications using React, Next.js, and Django. Proficient in deploying scalable solutions on AWS (S3, EC2). Skilled in Python, C++, MySQL, and Git with knowledge of SDLC, OOPs, and responsive design. Collaborative team player with proven experience working cross-functionally in agile environments, passionate about delivering high-impact software solutions as a Software Developer.

## TECHNICAL SKILLS

**Programming/Database:** Python, C++, HTML, CSS, MySQL, Django, Bootstrap, Learning (React, next.js, Typescript)

**Tools/Platforms:** AWS (S3, EC2), Version Control, Windows, Docker (learning), Microsoft Excel, Linux, Figma

**Core Concepts:** OOPs, SDLC, Responsive Design, Open-Source Contribution, Project Management

**Soft Skills:** Problem-solving, Adaptability, Communication, Teamwork, Versatility, Critical thinking

## INTERNSHIP EXPERIENCE

**Full Stack Intern: NirveonX**

April 2025 – Present

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, and Collaborated with the UI/UX design team using Figma and translated mockups into scalable, 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:**

**Tech Stack:** 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, and responsive navbar with animations, using Django and Bootstrap.

Implemented scalable media uploads and user profile management with MySQL, ensuring robust data security.

Designed responsive templates for pin creation and profiles, optimizing routing via Django's MVT architecture.

**Python Compiler Web Application:**

**Tech Stack:** Django, CodeMirror, HTML, CSS, JS, Python

Developed an Online Python code editor and compiler, and 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 small team at NirveonX to design and implement real-time voice and video communication features in chatbot platforms, resolving latency and compatibility issues, and improving user satisfaction by 35% across devices and browsers.

## 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%