AKULA PRUDHVI

(*Software Developer | AI-Driven Web Solutions*)

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🌐 Portfolio Website ↗

PROFILE SUMMARY

Aspiring Software Developer skilled in building scalable, cloud-integrated web applications using Python, C++, and Django, with hands-on experience deploying reliable solutions using AWS (EC2, S3). Proficient in building responsive user interfaces with React and Next.js, collaborating in agile teams, and maintaining code quality through structured testing and review practices. Eager to contribute to infrastructure-level engineering challenges at enterprise scale.

TECHNICAL SKILLS

- **Programming**/**Database**: Python, C++, MySQL, PostgreSQL, Django, Bootstrap, React, Next.js, TypeScript
- **Tools**/**Platforms**: AWS (S3, EC2), Git, Windows, CI/CD Pipeline, basic knowledge of Docker
- **Core Concepts**: OOPs, SDLC, Secure Coding, Responsive Design, Unit Testing, Project Management
- **Soft Skills**: Problem-solving, Adaptability, Communication, Collaboration, Versatility, Analytical Thinking

INTERNSHIP EXPERIENCE

Full Stack Intern: NirveonX   📅 April 2025 – July 2025

- Built responsive front-end interfaces for an AI-powered chatbot platform using React, Next.js, and Tailwind CSS.
- Designed and implemented real-time voice and video communication features by translating Figma-based UI designs into clean, reusable components, resulting in a 30% improvement in user engagement and performance across devices.

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 to implement real-time communication features in an AI chatbot platform, collaborating with designers and developers in agile sprints to meet feature requirements, reduce latency by 20%, and enhance cross-device performance.

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%**