

# SUCHITRA KOYYA

Aspiring Software Developer & Tech Enthusiast

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## Education

### Pragati Engineering College

B.Tech in Computer Science & Engineering (Data Science)

CGPA: 9.15

Sep 2023 – Apr 2027

### Aditya Junior College

Intermediate

CGPA: 9.7

2021 – 2023

## Experience

### Microsoft - AI Azure Virtual Intern

Jun 2025 – Jul 2025

- Explored Azure AI services and deployed machine learning models on the cloud using Azure Machine Learning and Cognitive Services.

### ServiceNow - Virtual Intern (System Administrator)

Apr 2025 – Jul 2025

- Working on ITSM concepts and virtual administration tasks.

### 1M1B Foundation - Green Skills & Sustainability Intern

Jun 2025 – Jul 2025

- Developed a wind feasibility dashboard to assess windmill setup potential using real-time data and sustainability metrics.

### Google - AI-ML Virtual Intern

Jan 2025 – Mar 2025

- Built machine learning models and performed data analysis using TensorFlow, Scikit-learn, and Python.

### AWS - Cloud Virtual Intern

Oct 2024 – Dec 2024

- Gained hands-on experience in AWS cloud services including EC2, S3, and Lambda for scalable deployment solutions.

### Google - Android Developer Virtual Intern

Jul 2024 – Sep 2024

- Developed and deployed Android applications following Material Design principles and Java/Kotlin best practices.

## Projects

- **Gesture-Controlled Music Playback** (Python, OpenCV, MediaPipe): Built a gesture-based music controller with 90% accuracy, integrating computer vision with media control.
- **Stoxense AI** (Python, Streamlit, Yahoo Finance API): Developed a real-time stock analysis dashboard with interactive visualizations using financial APIs.
- **AeroDash** (Python, Tableau, SARIMA): Created a wind energy feasibility dashboard with SARIMA forecasting and KPI visualizations.
- **Heart Disease Prediction** (Python, scikit-learn, Flask): Engineered a machine learning model for early-stage heart disease prediction, enhancing diagnostic efficiency.
- **Satellite Image Change Detection** (PyTorch, OpenCV, Transformers): Developed an AI-powered system to detect and report landscape changes from satellite imagery for environmental monitoring.
- **House Price Prediction** (Python, Linear Regression): Built a regression model to predict house prices using multi-feature input with MAE, MSE, and  $R^2$  evaluation.
- **HR Analytics Dashboard** (Power BI, SQL): Built an interactive dashboard, reducing analysis time by 50%.
- **Secure Password Generator** (Python): Created a customizable password generator with encryption features.
- **Mingle Minds – Social Networking Platform** (Figma, UI/UX): Designing a platform to connect people with similar interests.
- **Number Guessing Game** (Python): Implemented a coin-based scoring system with difficulty levels.

## Technical Skills

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**Languages:** Python, Java (Beginner), SQL

**Tools & Libraries:** Pandas, NumPy, Matplotlib, Power BI, Git

**Web Development:** HTML, CSS, JavaScript, React.js (Beginner), Node.js (Beginner)

**Cloud & DB:** MySQL, AWS (Basic)

**Platforms:** Jupyter, VS Code

## Leadership

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- **Unstop – Campus Ambassador** (July 2025 – Present): Led coding initiatives by organizing workshops and contests, fostering a vibrant peer-driven tech culture on campus.
- **GeeksforGeeks – Campus Mantri** (May 2025 – Present): Led campus coding events and fostered a peer-driven coding culture through regular contests and workshops.
- **Society for Data Science – Student Volunteer** (Jan 2025 – Present): Participated in national-level AI/ML webinars and contributed to discussions on recent trends in data science.
- **Brainovision Solutions – Student Coordinator** (Sep 2024 – Present): Organized and promoted 5+ tech workshops, boosting engagement by 30% among peers.
- **Google Developers Groups – Member** (Nov 2024 – Present): Engaged in coding challenges, knowledge-sharing sessions, and developer meetups.
- **MyGov India – Campus Ambassador** (May 2024 – Present): Amplified civic engagement by coordinating campus activities aligned with national missions.
- **Data Science Association – Coordinator** (Aug 2024 – Present): Contributed to peer learning groups and project discussions focused on data analytics and machine learning.
- **Student Representative – Pragati Engineering College** (Sep 2023 – Present): Represented the student body in departmental decisions and served as a liaison between students and faculty.

## Certificates and Certifications

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- IBM Certified Professional Data Analyst
- IIT Madras, NPTEL - Python for Data Science (Top 5%+Elite+Silver)
- Salesforce Certified AI Associate
- Stanford University(StanfordOnline) - Computer Science 101
- AWS Academy Graduate – Cloud Architecting,Cloud Foundations
- Tata Group- Data Visualisation: Empowering Business with Effective Insights Job Simulation
- BCG - GenAI Job Simulation
- ServiceNow microcertifications
- PwC - Power BI Job Simulation
- Cisco - Data Analytics Essentials
- Accenture - Data Analytics and Visualization Job Simulation
- Deloitte - Data Analytics Job Simulation

## Achievements

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- **SheFi 2025 Scholarship Recipient:**Selected for the prestigious global SheFi program supporting women in Web3 and blockchain innovation through education, mentorship, and networking.
- **Finalist – Pragati HackFest 2024:** Developed a blockchain-based Bitcoin transaction platform enabling secure, transparent crypto operations.
- **Runner-Up – Hackathon by Google Developer Groups & Women Techmakers Vizag:** Built “NariPragati,” a women empowerment platform connecting women to resources, mentorship, and community support.
- **GSSoC 2025 – Campus Ambassador and Contributor:**Promoted open-source participation on campus and actively contributed to meaningful GitHub projects as part of GirlScript Summer of Code.