

Bhuvanachandhiran P

AI/ML Enthusiast | Web Developer | Recent Computer Science Graduate
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LinkedIn | GitHub

About Me

Recent Computer Science graduate passionate about Generative AI, deep learning, and data analytics. Skilled in building AI-powered applications using Python, Flask/Django, and visualization tools. Eager to contribute to innovative teams on cutting-edge technologies.

Education: B.E. in Computer Science and Engineering, V.R.S. College of Engineering and Technology, Tamil Nadu (Nov 2021 - May 2025) | CGPA: 7.92 / 10

Projects

- **AI Chatbot with SQuAD 2.0:** Built a Flask-based chatbot using fine-tuned microsoft/DialoGPT-medium with SQuAD 2.0 for factual question-answering. Used LoRA for efficient training and handled unanswerable questions. (GitHub)
- **Tamil Handwriting Recognition:** Developed a CNN-based OCR model using TamilNet dataset for 156 classes, achieving 92%+ accuracy via preprocessing and augmentation. (GitHub)
- **English-Tamil Translator:** Created a Flask-based translator using suriya7/English-to-Tamil for real-time translation, enhancing accessibility for Tamil speakers. (GitHub)
- **Personal Finance Tracker:** Built a full-stack Django app for managing income/expenses with charts and financial insights. (GitHub)

Technical Skills

- **Languages:** Python, SQL, HTML, CSS
- **AI/ML:** TensorFlow, Scikit-learn, CNN, OCR, Prompt Engineering
- **Frameworks:** Flask, Django
- **Libraries:** Pandas, NumPy, OpenCV, Matplotlib, Seaborn
- **Visualization:** Tableau, Power BI, Excel
- **Tools:** Git, VS Code, Jupyter, Google Colab
- **Concepts:** Regression, Classification, Image Processing, Data Cleaning, Feature Engineering
- **Soft Skills:** Analytical Thinking, Creativity, Communication, Collaboration, Curiosity
- **Languages Known:** Tamil (Native), English (Fluent)

Certifications

- Accenture Software Engineering Job Simulation Forage (June 2025)
- Tata Data Visualization Job Simulation Forage (Feb 2025)
- Continuous Integration and Delivery (DevOps) Infosys Springboard (Nov 2024)
- AI/ML Foundation Naan Mudhalvan & Edunet Tec (2023)

Contact

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Built with Passion