Yashwanth Patam

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Location: Chennai, India

Professional Summary

Computer Science student specializing in Artificial Intelligence and Full-Stack Development with hands-on experience in machine learning, cloud computing, and scalable web applications. Proven ability to architect end-to-end solutions using Python, JavaScript, and modern frameworks. Recognized with Best Student Award for AI innovation. Seeking to leverage technical expertise and problem-solving skills in software engineering or AI development roles.

Education

Saveetha School of Engineering — Chennai, India
Bachelor of Engineering in Computer Science and Engineering (Artificial Intelligence) — *Expected: May 2027*

Professional Experience

AI Intern — Aug 2025 – Dec 2025
LearnFlu — *Remote*

- Engineered machine learning models for predictive analytics, achieving 85% accuracy on 10,000+ data points using Python, TensorFlow, and scikit-learn
- Optimized model training pipeline on Azure ML, reducing computation time by 30% through hyperparameter tuning and distributed processing
- Collaborated with cross-functional team of 5 to deploy AI-powered recommendation system, increasing user engagement by 25%
- Documented technical specifications and created API documentation for 8 machine learning endpoints using Swagger

Technical Projects

Full-Stack E-Commerce Platform | *React.js, Node.js, Express, MongoDB, Stripe API* — Jan 2025 – Mar 2025

- Architected and deployed scalable e-commerce application serving 500+ concurrent users with secure authentication using JWT and bcrypt
- Designed RESTful APIs with Node.js and Express, implementing pagination and caching strategies that reduced API response time by 40%
- Integrated Paypal payment gateway and developed admin dashboard with real-time analytics using Chart.js and WebSocket
- Implemented MongoDB aggregation pipelines for complex queries, optimizing database performance by 35%

Technical Skills

Programming Languages: Python, Java, C/C++, Dart
Frontend Technologies: React.js, HTML5, CSS3, Material-UI
Backend Technologies: Node.js, Express.js, RESTful APIs, Flask, Django
Databases: MongoDB, PostgreSQL, Oracle SQL,
AI/ML Frameworks: TensorFlow, Keras, scikit-learn, NumPy, Pandas
Cloud & DevOps: Microsoft Azure, Docker, Git, GitHub, CI/CD
Tools: Android Studio, VS Code, Postman, Jupyter Notebook

Certifications & Achievements

Oracle SQL Database Certification | Oracle — Nov 2024
* Validated proficiency in SQL programming, database design, and query optimization

Best Student Award for AI Application Design | Saveetha School of Engineering — Nov 2024
* Recognized among 200+ students for exceptional innovation in artificial intelligence application development

Microsoft AI & Machine Learning Webinar | Microsoft — Sep 2024
* Completed advanced training on Azure ML, cognitive services, and production ML deployment strategies