

Sethuram Jeevanandham Kamalakannan

Bridgewater, NJ | jeevanan@purdue.edu | 908-830-2073 | LinkedIn | GitHub | Portfolio

SUMMARY

Second-year Computer Science student at Purdue University with strong problem-solving skills and a focus on Artificial Intelligence. Seeking internships and research opportunities to apply skills in software development, machine learning, algorithms, and LLMs, while building AI-driven applications that solve real-world problems.

EDUCATION

Purdue University – BS in Computer Science

Aug 2024 – May 2028

- **Relevant Coursework:** Problem Solving & Object-Oriented Programming, Programming in C, Foundations of Computer Science, Statistics, Multivariate Calculus, Linear Algebra.

SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML, CSS.

Tools: React, Tailwind CSS, Framer Motion, Node.js, Express.js, MongoDB, DynamoDB (GSI), Google Colab, GitHub, Netlify, Visual Studio Code, Postman, JUnit Testing, Streamlit, LangChain, HuggingFace, LlamaIndex, Serverless Framework, AWS Lambda, API Gateway, Amazon Cognito, OpenAPI.

Concepts: Natural Language Processing (NLP), Retrieval-Augmented Generation (RAG), Large Language Models (LLMs), Open-Source AI, REST APIs, Full-Stack Development, Authentication & Authorization, Object-Oriented Programming (OOP), Algorithms, Document Processing, Workflow Automation, Technical Communication.

CERTIFICATIONS

Skillsoft – AWS Certified Machine Learning: AI/ML Services

Aug 2025

AT&T – Technology Academy

Jun 2025

Google Cloud – Cybersecurity Certificate

Apr 2025

Bloomberg Forage Job Simulations – Client Service & Engagement

Mar 2025

EXPERIENCE

Internship – EduVerse: AI Engineer

Aug 2025 – Present

- Enhanced AI project data quality across 15+ learning modules by identifying gaps in progression logic, restructuring coding tasks, and improving objective alignment to meet "build-to-learn" standards.
- Tested and evaluated AI-powered coding assistant, Edura, by simulating real user interactions and reporting critical issues in UI design, response formatting, and prompt variability.

Internship – WebBits: Entry-Level Software Developer

Jun 2025 – Sept 2025

- Developed and deployed 8+ secure APIs with AWS Lambda, API Gateway, Cognito, and DynamoDB for authentication, client onboarding, agreements, and secret key workflows with robust error handling and OpenAPI documentation.
- Developed Next.js/Tailwind apps with responsive admin and customer dashboards, and client portals for onboarding, agreements, and signature capture while ensuring design consistency.

Internship – Zayan Soft Tech: AI & Python Intern

May 2025 – Aug 2025

- Built a predictive model for customer behavior analysis with ~75% accuracy using Google Colab, applying machine learning techniques to real-world datasets.
- Developed a full-stack invoice desktop app using Electron with a custom GUI, automated PDF generation, and a Node.js/Express with a MongoDB backend for managing clients, payments, and invoices.

PROJECTS

AI Chatbot

- Building a document-aware chatbot tailored to Purdue's academic policies using PDF parsing, Cohere's LLMs, and context-aware responses.
- Enabling natural language queries over complex institutional documents.

Portfolio Website

- Developed a fully responsive portfolio using React and Tailwind CSS.
- Features smooth animations and a modern, indigo-pink theme for both a personal/professional and unique aesthetic.