

# Sethuram Jeevanandham Kamalakannan

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## SUMMARY

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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 machine learning, algorithms, and LLMs, while building AI-driven applications that solve real-world problems.

## EDUCATION

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**Purdue University** – BS in Computer Science Aug 2024 – May 2028

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

## EXPERIENCE

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**Internship** – EduVerse: AI Engineer Aug 2025 – Present

- Incoming Fall 2025 Intern.

**Internship** – WebBits: Entry-Level Software Developer Jun 2025 – Sept 2025

- Built secure authentication and client management APIs using AWS Lambda, API Gateway, Cognito, and DynamoDB, including OpenAPI documentation and token/API key-based protection.
- Implemented dynamic client onboarding workflow, featuring input sanitization, sequential client number generation with GSIs, and robust error handling.

**Internship** – Zayan Soft Tech: AI & Python Intern May 2025 – Aug 2025

- Built a predictive model for customer behavior analysis 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.

**Externship** – Extern (Outamotion): AI-Powered Workflow Automation Extern Mar 2025 – May 2025

- Built a basic Retrieval-Augmented Generation (RAG) pipeline with LlamaIndex and open-source AI models.
- Automated document processing using Python, including text annotation, data extraction, and NLP techniques.
- Applied AI-driven tools to extract structured insights from documents, enhancing workflow efficiency.

## PROJECTS

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**Portfolio Website** Jun 2025

- 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.

**AI ChatBot** Jun 2025

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

## CERTIFICATIONS

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**AT&T Technology Academy** Jun 2025

**Google Cloud Cybersecurity Certificate** Apr 2025

**Bloomberg Forage Job Simulations** – Client Service & Engagement Mar 2025

## SKILLS

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**Languages & Tools:** Java, Python, C, SQL, JavaScript, HTML, CSS, 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, Authentication & Authorization, Object-Oriented Programming (OOP), Algorithms, Document Processing, Workflow Automation, Technical Communication.