

PRANAV RAMESH

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EDUCATION

The Pennsylvania State University
College of Information Sciences & Technology
B.S in Human Centered Design & Development

May 2026
University Park, PA
GPA: 3.2

SKILLS

Skills: Java, Swift, R, Python, Springboot, GKE, Kubernetes, Jira, Trello, Github, Git, Gitlab, AWS, Typescript, Javascript, Node.js, HTML/CSS, Docker, Bash, PostgreSQL, Prisma ORM, MongoDB, Scikit-learn, and Tensorflow.

WORK EXPERIENCE

CTFGuide Corporation

Founder & Software Engineer

December 2022-Present
State College, Pennsylvania

- Raised funds from investors like Bullmont Capital and Penn State University.
- Designed and implemented the frontend using Figma, TailwindCSS, Next.js, and React.js.
- Worked on the backend using Node.js, Prisma, PostgreSQL, Express, and MongoDB.
- Scaled the website to handle over 1.3K monthly active users.
- Coordinated a team of 10 software engineers in a high-growth startup, driving weekly feature releases that contributed to a 250% increase in user base over 6 months.

Snyder Technologies LLC

Software Engineering & Technical Project Management Intern

May 2024-August 2024
Bethelhelm, Pennsylvania

- Designed and implemented new UI/UX for the company website using Figma, Angular, and HTML.
- Worked on projects in various different domain areas (cybersecurity, government, entertainment).
- Contributed to a monolithic codebase that was utilizing Nx and Azure Repo's.
- Utilized SCRUM methodology when working on features by using tools like Azure Boards.

Knowt Inc

Software Engineer

February 2023-May 2023
New Brunswick, New Jersey

- Utilized React.js, HTML, CSS to build features that allowed users to customize their profiles on Knowt.
- Refactored UI components that were featured on user profiles.

The Pennsylvania State University

Software Engineering Intern

February 2022-December 2022
Lansdowne, Pennsylvania

- Conceptualized and executed a comprehensive inventory management system using the MERN stack for a busy makerspace, resulting in a 52% increase in operational efficiency and resource tracking accuracy.

PROJECT WORK EXPERIENCE

Competition Winner, University of Pennsylvania's PennApps Hackathon 2024

September 2024

- Built an AI-powered personal finance assistant designed to empower users to take control of their financial future through personalized guidance, education, and support.
- Worked with RAG agents, TailwindCSS, Node.js, MongoDB, Mongoose, and banking API's.

Competition Winner, Drexel Philly Codefest 2024

May 2024

- Built an OpenAI powered support bot for Comcast customers as part of the Drexel Philly Codefest 2024 competition. Won the competition and got to present the project to Comcast's CTO.
- Utilized GPT-4, embeddings, Node.js, React.js, Clerk, Pinecone, and Tailwind CSS.

