

SAMVRITH ANAGOLUM

+91 70223 05455 ◇ Bengaluru, Karnataka, India

sammyanagolum@gmail.com ◇ ssa5569@psu.edu ◇ [LinkedIn](#) ◇ [Github](#) ◇ [Portfolio](#)

An aspiring, self-driven, creative, and intuitive problem-solving Software Engineer with an intent to bring about meaningful improvements in people's lives.

A natural leader who excels with teams. Also works well under instruction.

EDUCATION

Bachelor Of Science - BS, Software Engineering, Pennsylvania State University

Class Of 2025

GPA 3.5, Dean's List × 2.

Relevant Coursework

CMPSC: 465 Data Structures and Algorithms, 461 Programming Language Concepts, 445 Applied Machine Learning in Data Science, 431W Database Management Systems, 360 Discrete Mathematics for Computer Science

SWENG: 481 & 480 Senior Capstone Project, 452W Embedded Real Time Systems, 431 Software Verification, Validation, and Testing, 421 Software Architecture, 411 Software Engineering, 311 Object-Oriented Software Design and Construction

CMPEN: 461 Communication Networks, 441 Operating Systems, 351 Microprocessors

IST: 412 The Engineering of Complex Software Systems

ENGR: 405 Project Management for Professionals

SKILLS - TECHNICAL

Proficiencies	Full Stack Dev, Web Dev, Software Design, OOP, Linux, AWS
Languages	React.js/Next.js, Node.js, JS/TS, C++, C, Java, Go, C#, Python, HTML, CSS + Tailwind CSS
Databases	MongoDB, DynamoDB, JavaDB
Dev Practices	Git/Github, TDD, Documentation, Agile
Soft Skills	Communicator, High EI, Creative, Natural Leader, Flexible, Team-Spirited

PROJECTS

Schelper A class scheduling app for internal use in Penn State, built as a web app using React/Next.js, Tailwind, MongoDB, as well as NGINX for routing and PM2 for live server. [GitHub](#)

DineAndDiscover An event discovery and reservation app using NetBeans Java + SQLite for a hypothetical theme park. Features include user authentication, profile management, event browsing and management, and checkout. [GitHub](#)

Pic To Plate A recipe recommendation web app that utilized NLP and computer vision. The tech stack for the web app included Next.js, Tailwind CSS, AWS DynamoDB, PyTorch, FastAPI, and AWS EC2. [GitHub](#)

The Ramiverse Ramiverse is a web platform that allows users to upload and explore virtual worlds built using the Unity platform. The web app leveraged Next.js, Tailwind, MongoDB, and AWS S3, CloudFront, and EC2. [GitHub](#)

Tetris I recreated the popular Tetris video game in Java using the MVC (Model - View - Controller) architecture. In this way, one could add as many kinds of shapes as needed without changing the existing code

Personal Website My personal portfolio website can be accessed [here](#).