

Jainesh Kothari

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EDUCATION

The Ohio State University | Columbus, OH

B.S. in Electrical and Computer Engineering from College of Engineering

May 2025

- Majoring in Electrical & Computer Engineering (ECE)
- Dean's Honor List (Spring 2022), Entrepreneurship & Innovation Scholars
- Relevant Coursework: Software Development, Database Systems, Linear Algebra, Operating Systems, Networking, Program Design and Fundamentals (Java), Advanced C Programming (Linux), Microcontroller Systems, Inclusive Leadership, Technical Communication

Certifications: [CodePath TIP 101](#), [JP Morgan Chase & Co. Career.edYOU](#)

TECHNICAL SKILLS

Languages Familiarity: Python, Java, HTML/CSS, SQL

Technologies/Frameworks: MySQL, PostgreSQL, AWS, Linux, TailwindCSS, ParticleJS, JSoup, MATLAB, Excel, Eclipse, Git, VisualStudio, Miro, Basecamp, React, PowerBI, Tableau

EXPERIENCE

CIS OnRamp, Columbus, OH

October 2022 – Current

Innovation Analyst Intern

- Participated in professionally facilitated 10-week innovation sprints (with Visa, Ingage, Rides4Refugees, AEP, Honda & COTA) through the OnRamp program; gained skills and knowledge in data analysis and innovation processes.
- Conducted market research and generated insights (SWOT, Double Diamond Analysis) from customer interviews to identify unmet customer needs using design thinking and lean startup methods.
- Discussed possible solutions for improving efficiency in systems timeline using smarter methods and A.I.
- Pitched evidence-based concepts and solutions to senior leadership at sponsoring companies for further validation and funding.

Kruxi Solutions, Atlanta, GA

Summer 2024

Software Analyst Intern

- Developed and maintained key software applications to enhance user functionality and system performance.
- Implemented debugging, testing, and documentation strategies for both existing and new applications, improving development efficiency.
- Learned and integrated frameworks such as React Native and JavaScript libraries to optimize application architecture.
- Collaborated with peers and senior leaders to streamline the design, development and testing process.

PROJECTS

NASA C3: Cosmic Capstone Challenge

- The COSMIC Capstone Challenge (C3) is a competition to design a payload for the BCT X-Sat Venus Class bus demonstrating a successful chain of operations that provide an on-orbit, autonomous ISAM capability.
- Part of the Starforge team representing Ohio State University at C3 Final Showcase after a year of ideation and prototype development with a rotational lead cycle in a team of 12.

Citywide Parking System

- Engineered a seamless integration of frontend components with an SQL driven backend, implementing a fully functioning system of parking including an admin console, user registration and custom venue creation.
- Pitched the solution to 25 students directly involved in creating database management systems and resolving 95% of the user-tested UI and functionality issues, leading to a 90% score in feasibility and performance.

Webscraper - Stock data generator

Created a Java program that analyzes stock tables using JSoup and a web archive.

Involvement

Member of Collaborative Software Development Club