

# Shashwat Mishra

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## EDUCATION

### University of Cincinnati

Bachelor of Science in Computer Science

Class of 2027

GPA: 3.44

- Dean's List - Spring 2023, Summer 2024
- CEAS Outreach Scholarship Recipient 2022 - 2027

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, JavaScript, Typescript, HTML/CSS

**Frameworks:** React, Next.js, Node.js, Express.js, TailwindCSS, Flask, Shadcn UI

**Developer Tools:** Git, Google Cloud Platform, MongoDB, Prisma, Vercel, Jupyter Notebook, Neo4j

## EXPERIENCE

### Software Engineer Intern | Honeywell

Aug 2024 - Present

- Spearheaded the design and development of dynamic features for a customer-facing platform, automating the ticketing processes, saving 3+ hours of manual work per day for Business Admins
- Contributed to 2 major releases, addressing over 50 story points by collaborating with cross-functional teams to enhance the product development lifecycle, ensuring the platform met stakeholder requirements and user needs
- Streamlined internal operations by integrating secure API endpoints and refining ticketing workflows, improving communication efficiency
- Executed comprehensive unit and integration tests to validate backend functionality, minimizing bugs and ensuring quality code before deployment

### Software Engineer Intern | Possip

Jan 2024 - Apr 2024

- Fine-tuned deep learning models, achieving 93% accuracy in text classification and sentiment analysis
- Optimized data processing efficiency by leveraging web services and cloud tools, reducing processing times by 30%
- Engineered an automated data aggregation and visualization pipeline, accelerating reporting workflows

## PROJECTS

### Breadcrumbs | Personal Project

Jul 2024 - Present

- Developed a full-stack 'bread themed' social media platform, offering real-time user engagement functionalities
- Integrated NextAuth for secure authentication and implemented features for real-time tweets, replies, interactions
- Deployed and managed continuous integration on Vercel to ensure seamless updates and optimized performance

### Hi-Five | SASEHacks 2024

October 2024

- Created an anonymous dating app using personality matching to connect users with similar personality traits
- Formulated a dynamic match making algorithm utilizing vector embedding, leading to permanent matches
- Facilitated user interactions using a real time chat feature, employing a robust backend to ensure user data privacy

### Therapia | SASEHacks 2023

October 2023

- Built a journaling application, facilitating AI-generated journaling prompts and real-time peer connections
- Constructed a secure RESTful API with Flask, enabling user registration, login, and authenticated interactions
- Enhanced user engagement by implementing WebSockets, allowing for real-time messaging
- Selected among the top 8 teams to pitch the project to 5+ investors at SASE-Sharks event in Atlanta,GA

## LEADERSHIP

### Treasurer | Society of Asian Scientists and Engineers

April 2024 - Present

- Managed \$5000+ in budget to plan and organize a trip to the SASE National Convention this year in Boston, MA
- Cultivated partnerships with sponsors, university boards, and academic departments to secure funding for events

### Teaching Assistant | CEAS Department

Aug 2023 - Aug 2024

- Mentored 70+ freshmen on engineering and math concepts, building strong foundations for future coursework
- Delivered instructional guidance for students in entry level programming languages
- Offered personalized guidance and academic strategies, fostering a smooth and successful transition into university