AUSTIN NOH

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Education

PURDUE UNIVERSITY, WEST LAFAYETTE, IN **EXPECTED: DECEMBER 2021**

B.S. in Computer Science, Minor in Psychology **GPA 3.2**

Skills and Tools

Programming Languages: Python, Java, C/C++, ARM Assembly, JavaScript, BASH Scripting, Golang
Tools/Frameworks: Agile/Scrum, Spring Boot, Node.js, Express.js, React.js, MongoDB, Azure Cosmos DB

Professional Experience

Walmart Global Technology – Health & Wellness Team **May 2021 – Present**
Software Development Intern *Bentonville, Arkansas*
- Developed a full-stack application called **Service-Activity** for Pharmacists and Technicians to log activities and actions for Walmart Pharmacy customers across 4,500 stores in the United States.
- Devised a solution for the migration of legacy-service, application design, and database design by utilizing Confluence.
- Gained familiarity across different tech stacks such as Microsoft's Azure Cosmos DB, Spring Boot, and React-Native through the development of the Service-Activity application on Walmart Cloud Native Platform (Kubernetes).

Kroger Digital & Technology – Customer Enterprise Team **May 2020 – December 2020**
Software Development Intern *Cincinnati, Ohio*
- Contributed to the development of an API that fetches/distributes individual customer account data and sessions.
- Implemented Unit Tests for various types of CRUD operations that the service handles.
- Developed a Spring Boot micro-service from scratch to converting the application to run within a Docker container.
- Utilized CI/CD pipeline to push seamless commits to deployment on Microsoft Azure Kubernetes platform for Kroger.

Revelant Projects

Service-Activity **May 2021 – August 2021**
Tools: React-Native, Next.js, Node.js, Spring Boot, Azure Cosmos DB
- Designed the database, backend layer, and front-end structure of the app and documented the solution on Confluence
- Utilized Microsoft's Azure Cosmos DB to allow distribution within Walmart Cloud Native Platform.
- Application currently deployed and available across more than 4,500 Walmart pharmacies across the United States.
- Implemented Spring boot to create a RESTful application, used JUnit and Swagger to test the different endpoints of the API.
- Used React-Native to allow optimization for both mobile and web browsers, structured different components for the app.

eProtect | Link: eprotect.app
Tools: Node.js, Bootstrap, Express.js, MongoDB, Web-Socket, Stripe, Mail-Gun **January 2021 - May 2021**
- Developed a website to enable the creation of disposable emails and debit cards to protect user's personal information.
- Integrated CI/CD to our GitHub repository using Docker/Bash-Scripting and continuously pushed commits to deployment.
- Certified our service to be secure, private, and fast through Cloudflare and allowed deployment through Digital Ocean.
- Used MongoDB database to keep track of user accounts, disposable emails, disposable credit cards, and user activity.
- Consumed multiple APIs such as Stripe, Node-mailer, Mail-Gun to grant functionality for disposable emails and debit cards.

Noha (Personal Portfolio Website) | Link: noha.vercel.app
Tools: Node.js, React.js/Next.js, Express.js, MongoDB, Auth0 **January 2021 - May 2021**
- Created a personal website to keep track of projects/accomplishments on MongoDB with a working blog function.
- Utilized Next.js to allow server-side rendering which improved SEO and extremely fast transition during navigation.
- Employed Auth0 which handles the security of the web application to keep track of users and admin privileges.
- Deployed the Next.js application on Vercel and the back-end Express.js service on Heroku Cloud Application platform.

Awards & Recognition

HackXD 2019 **August 2019**
Awards: Most Unique Solution, Best Pitch, 3rd place
- Participated in a multi-disciplinary hackathon to create an experience that adheres to the theme of Humanizing AI.