Dilmaya Pun

Philadelphia, PA

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Skills

Programming	Java , Python, C, HTML/CSS, SCSS, JavaScript, TypeScript, SQL, Kotlin, Bash, Racket, Haskell, Jest, JUnit
Tools and Frameworks	Vue.js, React.js, React Native, SpringBoot, Node.js, MongoDB, Storybook, Andriod Studio, Postman, Linux, Vim, jQyery,Shell (Bash/Zsh), LaTeX(Overleaf/R Markdown), Firebase, Git (CI/CD pipelines), Docker, JIRA, Jenkins, GitHub
Technologies	AWS(EC2, S3, VPC, RDS, ELB, ECS), Azure AD, Office 365, Azure DevOps

Work Experience

Dynasty 11 (Player2)
Philadelphia, PA

Java Developer — *Sept 2022- June 2023*

- Spreadheaded a team of six for developing a new feature for a game in production using Java and Spring Boot, resulting in a 20% increase in user engagement and positive feedback from players.
- Worked with the front-end development team to integrate the feature with the game's user interface in React Native and Android Studio.
- Coded REST APIs in Java to facilitate efficient communication between the front-end and back-end systems.
- Utilized PostgreSQL database to store and manage data related to the new feature, ensuring data integrity and efficient retrieval.
- Deployed and managed the project on AWS, utilizing services such as Amazon EC2, Auto Scaling, and Elastic Load Balancing (ELB) to ensure fault tolerance

Oracle
Philadelphia, PA

Application Engineering Co-Op — *Sept 2022 - March 2023*

- Developed a custom internal Extract, transform, and load (ETL) library using Java and RESTful APIs, automating data integration from three resources, resulting in data integration efficiency.
- Implemented and maintained robust API endpoints in Java, ensuring seamless functionality and achieving an average response time of under 150 milliseconds.
- Managed and optimized data within the Oracle database using Java and Oracle SQL Developer, ensuring data accuracy and integrity in the project with a 99.9% success rate.
- Teamed up closely with cross-functional teams, including Development and Release Management, to address and resolve over 20 UI-related bug tickets helping in the overall user experience.

Urban Outfitters
Philadelphia, PA

Front End Software Engineering Co-Op — *Sept 2021 - March 2022*

- Programmed new features and functionality for responsive warehouse and customer-facing websites using VueJS.
- Designed and executed comprehensive testing plans for new features using the JavaScript Testing Framework Jest, achieving a 95% test coverage.
- Collaborated with the development team to successfully migrate components and tests from VueJS 2 to VueJS 3.
- Imported and integrated design systems and components into an open-source tool, Storybook, from scratch, enabling developers to save at least 20% of time on UI component development and maintenance.

Projects

Ebuy

- Built an E-commerce website by utilizing React JS, HTML, CSS, and Javascript.
- Integrated the website with Firebase for full user authentication, deployment, and real-time database for order history page.
- Employed Stripe API for full payment processing.

Survey System

- Created a robust Java-based system for creating, displaying, loading, saving, taking, and modifying surveys, resulting in a streamlined survey management process.
- Leveraged Java's serialization and deserialization capabilities to efficiently save surveys and responses, optimizing data storage and retrieval.
- Analyzed and implemented key design patterns, including Strategy and Facade, to enhance the modularity and maintainability of the survey system, resulting in a 25% reduction in code complexity and improved code readability.

Education

Drexel University
Philadelphia, PA

BS in Computer Science GPA: 3.74 — *Dec 2019 - Aug 2023*