

# Vanessa Prema

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## Qualifications

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Typescript | Javascript | React | Redux | React Native | Python | BigQuery | Google Cloud Platform (GCP) | GraphQL | NodeJS | Agile Jira | GitHub | Confluence | PHP | Laravel | Express.js | Ruby | Rails | Android | Java

## Work Experience

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### **NCR Voyix** | Remote

*Aloha Smart Manager – Software Engineer III*

Present

- Lead scalable system development, improving platform performance and fraud detection through API integration
- Develop modular React components, improving frontend architecture for better performance and faster releases
- Build and maintain CI/CD pipelines to ensure continuous integration, delivery, and system health
- Collaborate with product, QA, and DevOps teams to deliver solutions that drive business growth and system reliability
- Serve in on-call rotations to ensure system reliability, quickly addressing error, spam, fraud, and abuse incidents

### **Calloquy, PBC** | Atlanta, GA

*Senior Full Stack Engineer*

May 2022 – October 2023

- Provided a platform for virtual litigation with real-time communication, transcription, and evidence management
- Mentored junior developers, promoting secure development practices for scalable systems and APIs
- Designed React and Laravel web applications with trust and safety measures to ensure client and user protection

### **NCR Corporation** | Atlanta, GA

*Aloha Next Generation – Software Engineer III*

March 2020 – May 2022

- Led team to create a React Native point-of-sale application with a focus on new feature development
- Conducted Agile ceremonies and using methodologies to optimize feature work and reduce cycle time
- Engineered the Java bridge architecture for the primary payment solution connecting UI to native OS
- Supported product team by providing technical knowledge to assist in setting high level estimations
- Collaborated with multiple teams to implement secure payment features and abuse-monitoring tools

### **Tin Roof Software** | Atlanta, GA

*Software Engineer I*

June 2019 – March 2020

- Built clean, reusable styled components, significantly enhancing developer efficiency by reducing code redundancy
- Participated in the design and development of RESTful APIs ensuring seamless data integration and UI synchronization
- Leveraged unit and functional testing frameworks, including Cucumber and Jest, to ensure robust and reliable code

### **ElektroCouture** | Berlin, Germany

*Engineering Intern*

May 2017 – July 2017

- Created and implemented project timeline from drafting concepts to final production for 5 wearable technology pieces
- Consulted designers on material selection, microcontroller programming, 3D printing, and circuit engineering
- Partnered with safety footwear company to prototype different LED integration methods for leather work boots
- Managed logistics for Berlin Fashion Week events by collaborating with local vendors, clients, and designers

## Education

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### **Georgia Institute of Technology** | Atlanta, GA

*Master of Science, Computer Science – Machine Learning*

Present

### **Flatiron School** | Atlanta, GA

*Certificate, Web Development*

2019

### **Georgia Institute of Technology** | Atlanta, GA

*Bachelor of Science, Materials Science and Engineering*

2017