VARATEP BURANINTU
SR. SOFTWARE ENGINEER

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Profile

An engineer currently exploring the front-end world with a heavy emphasis on JavaScript and the Node.js runtime. My passion is creating beautiful interfaces that bridge the gap between human and computer interactions.

Skills

Web
Currently using React and Express with GraphQL to serve native-like single page applications with proven resiliency, scalability, and maintainability.

Mobile
I have experience using React Native and Ionic Framework to create prototypes and minimum viable products as well as production-quality management platforms.

Leadership/Agile
I lead a team of UI engineers, designers, a researcher, and a support developer. We use Scrum with 2-week sprints and daily standups.

Technical

JavaScript	React	SQL & NoSQL Databases
Node.js ecosystem	Express	Docker & Kubernetes
GraphQL		

Experience

IBM   2015 — current
Senior Advisory Engineer, Edge Computing, UI Lead

I lead the front-end development for the Edge Computing team working on a UI setting out to simplify and provide users a way to autonomously deploy and manage workloads on edge nodes as an on-premise solution. Our technology stack includes a bundled React client served by Express using GraphQL for data querying and processing which reaches out to APIs from different kubernetes pods. The entire app is built by CI/CD into a Docker image which is then certified as a Red Hat UBI image.

PwrdBy   2015 — 2018
Software Architect, Freelance

PwrdBy is a startup social impact incubator creating next-generation technologies for non-profits and mission-driven organizations. I was responsible for architecting and delivering the full stack of multiple mobile applications. One noteable app is a neurosurgery app which aids neurosurgeons to test patients on cognitive abilities before, during, and after open-brain surgery. Another noteable app is Amelia, now known as NeonMoves, a mobile fundraising app to help companies gather data leveraging two fundraising management platforms: BlackBaud and NeonCRM, with the ability to manage the data from Salesforce as well. The technology stack used was React Native and C#/ASP.net.

DoubleMap   2014
Software Developer, Freelance

DoubleMap is a company working to provide intelligent transportation solutions for transit fleets in university systems, corporations, hospitals, and airports. As a freelance iOS developer I was sought out to solve their biggest bug causing crash issues affecting over 5,000 distinct users on iOS 8. On top of fixing the crash-inducing bug, I was able to make performance improvements of 30% which resulted in happier users and higher reviews in the iOS App Store.

Rinsoft   2013 — 2015
Software Developer, Intern

Rinsoft is a software consultation company which exposed me to a diverse client base including FOX Networks Engineering Operations and Signal Entertainment Marketing. We worked with multiple clients at once and used different technologies based on the client needs and requirements such as: Angular, Ionic, Objective-C and Swift, and C#/ASP.NET.

Education

California State University, Northridge
B.S. in Computer Science — 2015