KRISHNA GOPINATH

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EXPERIENCE

Senior Software Engineer, Pointman — *Mar 2017 - Present — Buffalo, NY*

- Designed and built Pointman's Payment integration from scratch, which involved scoping out requirements, writing a cordova plugin to interact with Mobile Payment SDKs, writing API wrapper libraries in Node.js, .NET platforms & integrating with multiple web and cordova apps.
- Improved the team's ability to rapidly deliver new product features by replacing Pointman's legacy UI build process with a fast, standardized CLI process using Node.js and webpack. This also involved writing custom codemod scripts for Pointman's codebase, with jscodeshift.
- Spearheaded the migration from AngularJS to Vue.js by creating a "Vue base" inside the app and leading a 2-member team to migrate an existing feature. This allowed the team to iterate quickly and write bug free code.
- Automated deployment processes by setting up CI/CD pipelines for Pointman's Web, Mobile and API projects using Azure DevOps, which empowered the team to build & ship features faster than ever.
- Fostered a mindset of learning and collaboration by mentoring new engineers, performing in-depth code reviews and leading pair programming sessions.
- Modernized Pointman's legacy application by systematically rewriting critical parts of it to be more resilient, faster & easier to maintain, resulting in a more stable user experience with reduced bugs.

Software Engineer Intern, Argyle Technology Group — *May 2016 - Aug 2016 — Buffalo, NY*

- Ideated and built the first version of MemoryFox, a platform for aggregating crowd-sourced social media content at events. Web & hybrid mobile apps built with React, cordova, Node.js, MySQL.

Software Developer, Cognizant Technology Solutions — *Jun 2011 - Jul 2015 — India*

- Architected & built a mobile app platform with infrastructure for hosting internal "micro" mobile web apps. Built with cordova, AngularJS, ASP.NET Web API & SQL Server, this platform was used by over 10,000 employees daily.
- Designed & developed an in-memory distributed cache as a service with AppFabric & ASP.NET Web API 2, for quickly sharing organization information, as part of a web platform that hosted internal apps. This service was consumed by about 60 clients and saw traffic of about 3000 unique users a day.
- Conducted multi-day workshops on JavaScript, jQuery & AngularJS to train large software teams within the organization.

PROJECTS

[WIP] Matterwiki: A simple wiki for small teams, built with Node, React and MySQL.

[WIP] scribo: Drop-in WYSIWYG and Markdown editor for React, built with slate.js editor framework.

cordova-plugin-ionic-migrate-storage: Cordova plugin that migrates app data when Ionic's webview plugin is used.

EDUCATION

MS, Computer Science, University At Buffalo, SUNY — *2015 - 2017*
Relevant Courses: Distributed Systems, Programming Languages

BE, Electrical Engineering, Anna University — *2007 - 2011*0

SKILLS

Languages & Platforms: JavaScript, Node.js, CSS/SASS, CosmosDB, SQL Server, C#, .NET Framework

Frameworks & libraries: React.js, Vue.js, AngularJS, GatsbyJS, Cordova, Redux, VueX, Express.js, Mocha, chai.js, jest, styled-components, emotion, Entity Framework 6, ASP.NET Web API 2

Tools: webpack, Parcel.js, gulp, jscodeshift, git

CI/CD: Azure DevOps, AppVeyor