

# KRISHNA GOPINATH

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## EXPERIENCE

**Senior Software Engineer, Patch Media** — Jun 2020 - Present — New York, NY

**Senior Software Engineer, Pointman** — Mar 2017 - May 2020 — 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 and 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.

**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 ASP.NET Web API 2, for quickly sharing organization information, as part of a web platform that hosted internal apps.

## PROJECTS

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

**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

## 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