KRISHNA GOPINATH

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EXPERIENCE

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

- Build features and improvements for the patch CMS and website that have a meaningful impact on how our editors & users use our product
- Act as a technical lead, mentor peers and ensure institutional knowledge is disseminated correctly
- Define a future for migrating legacy systems to a more scalable and efficient system that will help Patch scale in the future

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.

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, jscodeshift

CI/CD: Azure DevOps, AppVeyor, CircleCI, GitHub Actions