

INTRODUCTION

Software developer with programming skills in iOS and FullStack Web development; capable of learning and quickly adapting to new technologies; Deep sense of design and aesthetics, and an intrinsic ability to communicate, negotiate, and present. Capacity to lead teams and get work done in stressful situations. Sincere attention to detail.

SKILLS

iOS: Swift, Objective-C, UIKit, Xcode, Instruments, Firebase, CocoaPods, Alamofire, SwiftyJSON.

Web: HTML5, CSS3, Javascript (ES6, ES7, ES8), Typescript, jQuery, PHP, Node.js, Express.js, NPM, AJAX, JSON, Jasmine, RESTful APIs, PostgreSQL, MongoDB, MySQL, React + Redux, Electron, Bootstrap, Webpack, Heroku, AWS, Wordpress.

UI: UI/UX Design, Wire-framing, User-flow/Interaction mapping, Sketch, Adobe XD, InVision Studio.

Other: C, C++, Java, Python, Git/GitHub, SVN, Homebrew, Unix/Linux Terminal/Shell (Bash, Zsh, Fish), Agile/Scrum.

EXPERIENCE

Eventmate, Inc.

New York City, NY, US

iOS Developer

2017 - present

Designed and wrote over half the core app:

- real-time swipe-and-match engine
- custom firebase-based messaging service
- automatic event-mining to import events
- ticketing for paid events using Stripe

Added important features such as:

- support for Apple Pay
- promotional codes and Invitation Codes
- automated emails
- optimization for the iPhone X

Currently working on:

- Real-time Q&A for live events (core)
- app-wide design overhaul
- unification of the two modes of the app
- separate app for event organizers

ThinkLABS IIT Bombay

Mumbai, MH, IN

Embedded & Wireless Systems Intern

Summer 2012

Developed embedded software for small custom-made XBee & Bluetooth based home automation devices. Made a bare-bones cellular phone using Atmel AVR ATmega chips, Uniboard, SIMCOM GSM module, Hitachi dot matrix LCD and other smaller modules.

RGen Solutions Pvt. Ltd.

Nagpur, MH, IN

Software Developer Intern

Autumn 2010

Worked on the Address Book and Integration teams of the 'iSMS' Windows Application Development. Worked with C#, .NET framework, SQL Server, and Visual Studio. Also designed majority of the UI for the desktop app.

PROJECTS

In and Out (HTML, CSS, Javascript)

Designed a browser-based financial calculator using HTML, CSS, and Javascript to calculate income and expenses.

Soundboard (HTML, CSS, Javascript)

Wrote a browser-based app using HTML, CSS, and Javascript which lets you compose music with your keyboard.

Security & Privacy in Internet Communication, or lack thereof. (Applied Cryptography)

Spring 2017

Graduate Research Project on the mathematical and implementation loopholes of widely used internet-communication protocols like SMTP and Axolotl (Signal).

BeerGuts, an iOS app (Objective-C, Xcode, Instruments, Sketch)

Developed an iOS app called 'BeerGuts' – reviews and ratings system for craft beer by scanning the barcode using iPhone's camera.

Game Design (Java, Eclipse, Photoshop)

Led a team of four to create a simple android game for kids called Math Frontier.

Meredith (C, MATLAB, LabVIEW)

Spring 2013

Created a software tool to process high-resolution raw skin imagery using Digital Image Processing algorithms for detection of early stages of Melanoma as the Bachelor's capstone project.

EDUCATION

California State University

Fullerton, CA, US

Master of Science in Computer Science (GPA 3.5)

2017

Nagpur University

Nagpur, MH, IN

Bachelor of Engineering in Electronics Engineering (GPA 3.0)

2013

OTHER

Languages: English, Hindi, Marathi, Sanskrit (basic), French (learning). **Interests:** Astrophysics, Geopolitics, Swimming, Traveling, Music, Photography.

Social: Served as 'India Ambassador' of India Mac User Group for 4 years. Co-founded The MH27 Thumpriders - a Royal Enfield Riders' Club. Led India Chapter of the NGO The Zeitgeist Movement as its Coordinator for 3 years; organized 2 All-India Meets & several other events. Member of BMW CCA.