

# Rakesh Singh

California, USA

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## EDUCATION

### Master of Science in Computer Science

[California State University – Fullerton](#)

California, USA (Aug 2022-May 2024)

**Coursework:** Data Structures & Algorithms, Software Process, Backend Web-Dev, RBMS

### Bachelor of Technology in Computer Science & Engineering

[Maharaja Surajmal Institute of Technology](#)

New Delhi, India (Aug 2016- Oct 2020)

**GPA: 9.11/10 = 3.97/4**

**Coursework:** Introduction to Data Structure, Software Engineering, Frontend Web-Dev, Advanced Mathematics, Introduction to Machine Learning, Introduction to JAVA

## PROFILES

**Portfolio:** [rakesh-singh.netlify.app](https://rakesh-singh.netlify.app)

**LinkedIn:** [//in/rakesh-singh-616b7515a/](https://in/rakesh-singh-616b7515a/)

**GitHub:** [//github.com/Rakesh-Singh-6789](https://github.com/Rakesh-Singh-6789)

**CodeChef:** [//users/rs\\_rawat\\_123](https://users/rs_rawat_123)

## SKILLS SET & COMPETENCES

### Tech Skills

Web Development: JavaScript, TypeScript, AngularJs (1.8.x), ReactJs, Node.js, Html, CSS  
Android Application Development using Java.  
Data Structures and Algorithms in Java.

Version Control: Git/GitHub, Stash

Other tools: JIRA, VsCode, Sentry.io, Confluence

### Soft Skills

Collaboration, Leadership & Ownership, Project & Time Management, Proactive, Empathy, Critical Thinking and Communication Skills

## HOBBIES AND INTERESTS

Cleaning and Organizing, Cooking, Cycling, Coding, Music, Movies, Mobile Gaming

## LANGUAGES

Proficiency in English and Hindi

## CERTIFICATIONS & TRAININGS

- IEEE Computer Society Member (2017-2018)
  - Supported 12 undergrad students with their personal and course projects with Java.
- Coding Blocks JAVA Data Structure Course Completion Certificate (2017)
- Udacity Nanodegree Android Course (2018)

## EXPERIENCE

### Full-time

**Software Engineer – II**

**Oct 2021 – Aug 2022**

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**Software Engineer – I**

**Nov 2020 – Oct 2021**

### • Wingify Software Pvt. Ltd.

- Shipped tangible features and fixed head-scratching bugs of VWO; built reusable and business logic components at the front-end using AngularJs framework, which reduced the application response time by 38%.
- Implemented some of the complex JSON data-driven frontend AngularJs components.
- Implemented time-based OTP authentication at the frontend.
- Voluntarily initiated and took full ownership of phase 1 of an automated portal for mundane tasks for internal developers using the ReactJs library, which increased the internal developers' productivity by 100%.
- Collaborated with inter-teams and helped them with their JavaScript-related issues, which helped them to easily achieve their sprint targets.
- Mentored four interns and three full-time software engineers, which enhanced their learning and understanding of the application.

### Internship

### Android Application Development

### • W3Dev Private Ltd.

**Jun 2018 – Aug 2018**

- Completed the entire development process for an Android Application, including writing design, tech docs, and implementation using Java, serving the purpose of in-app Video Calling over WebRTC channels.
- Collaborated with intra-team and unblocked them, where I built an Activity Recording Android component, which recorded the movements on screen and made them draw on the Canvas class using Java.

## PROJECTS

### • Video API platform

- The Video API platform allows feature-rich, real-time communication capabilities, including 1:1 consultation, group video chat and large-scale broadcasts to tens of hundreds of people, all possibilities using Node.js, Express, PeerJs, HTML, CSS and JavaScript.
- Features in development: Screen sharing and session recording.

### • Bulletin

- A well-featured and professional-looking News Android application which fetches news from newsApi.org. News can be categorized as technology, business, sports etc. and has sharing and bookmarking features, using Java and Room for the offline database.

## ACHIEVEMENTS

- Shortlisted for **Google India Challenge Scholarship** 2018 Recipient.
- Achieved **Nanodegree Scholarship from Google Udacity (2018)**.
  - Secured 19<sup>th</sup> rank among 15000+ contestants in India.
- Qualified **JAVA Level 1 & 2 CCA** (Cambridge Certification Authority).
- **Google Code Jam** 2019
  - Global Rank: **3897** Round 1C
- **Google Kick Start** 2019
  - Global Rank: **926** in Round C