



# ARCHIT GUPTA

## Software Development Engineer-1



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## PERSONAL PROFILE

Versatile, high-energy technocrat with track record of executing prestigious Information Technology projects of large magnitude within strict time schedules; targeting assignments in **Software, Back-End or iOS Development** with an organization of high reputation

## EDUCATION

M.Tech. – CSE from IIT Hyderabad in 2022; secured 8.19 CGPA

B.Tech. –CSE from Medicaps University, Indore in 2020; secured 8.39 CGPA

## IT SKILLS

**Languages:** C++, Python, Swift

**Web Tech:** HTML, CSS and JavaScript, Django, Flask

**Database:** SQL

**Platforms:** Xcode, IntelliJ, Git, Jira

## SOFT SKILLS

Change Agent

Collaborator

Communicator

Innovator

Planner

Thinker

## PROFILE SUMMARY

- A performance-driven professional with over 1 year of experience in Software Development
- Proven excellence in **Application Development**, Application Architecture, Server Side Architecture, Defining Web Services and Back-End Data Models
- **Impressive success** in development & maintenance of a range of iOS devices including Mobile Phones & Tablet Computers, and their integration with back-end services
- Skilled in interacting with end clients to understand workflow & **business model and brainstorm feasible solutions**
- Proficient with **multiple development environments** (client/server, browser, mobile, package-based environments)
- Proficient in **Python, C++, Swift, Data Structures and Algorithms and Socket Programming**
- Sound Knowledge in **iOS release process**, code signing and provisioning
- A **go-getter** with strong communication, coordination, analytical & networking capabilities

## WORK EXPERIENCE

**Zolve Innovations Pvt. Ltd., Bengaluru**

**July'22– Till Now | iOS Developer**

**May'21 – July'21 | SDE Intern, Back-End Developer**

### Key Result Areas:

- Serving as an iOS Developer, contributing to the assessment, ideation, design, and creation of new features for the software
- Driving the entire app life cycle – concept, design, build, deploy, test, release to app stores and support
- Working directly with product managers to conceptualize, build, test and realize products; gathering requirements around functionality and translate those requirements into elegant functional solutions
- Building prototypes at tech scoping stage of projects; working along the web developers to create and maintain a robust framework to support the apps
- Translating designs & wireframes into high quality code; designing, building & maintaining high performance, reusable, and reliable code
- Introduced **5 new features** varying from Rewards and Repayments to complete Card Logistic cycle, referring to many products and fully transforming the end product, which increased the user-product engagement of the mobile app considerably
- Assisting in developing **Cards-Framework** that streamlined the whole development process, resulting in reduction in development time, increased reusability, attaining uniformity in design throughout the app and saved development cost
- Ensuring the best possible performance, quality, and responsiveness of the application; identifying and correcting bottlenecks & fix bugs; maintaining code quality, organization, and automatization

## CORE COMPETENCIES

iOS/Android Application  
Development  
Gap Analysis and Impact Analysis  
Unit Testing & Integration Testing  
Requirement Gathering & Analysis  
Debugging and UI Integration  
Benchmarking and Optimization  
Team Building and Leadership

## PERSONAL DETAILS

**Date Of Birth:** 1<sup>st</sup> Jan'1999  
**Address:** 13 Mishra Nagar, 103  
Rajrani Apartment, Anapoorna  
Road, Indore- 452009  
**Languages Known:** English & Hindi

- Adding more than **48k lines of code** to Zolve's iOS code base
- Working on various architectures such as MVVM, Singleton, Delegate and Notification Patterns
- Optimizing the system structure by distributing system deployment to reduce the development time resulting in increasing reusability, attaining uniformity in design throughout the app and saving development cost
- Operated as a Back-End Developer in the initial stage
- Worked on Zolve's document verification system which utilized OpenCV OCR and NER to verified the documents provided by end-users through exposed APIs
- Dealt with Django MVT architecture
- During the internship, developed a solution for Zolve's Credit Score Analyzer by analyzing bank data with fuzzy logic

## INTERNSHIP

**Indian Institute Of Technology, Roorkee**

**Feb'20 – Apr'20 | Research Intern**

**Key Result Areas:**

- Worked in the field of Network security
- Identified the Hosts behind a NAT Device that utilized multiple fields of IP and TCP

## PROJECTS

**Platform for deploying IOT Apps**

**Technology Used: Python, Flask, MongoDB, Load Balancing, Socket Programming**

- Developed a platform built on Micro service Architecture
- The developers could register various types of sensors, and deploy business logics and, end-users can schedule them according to their use cases

**End to End Message System – WhatsApp**

**Technology Used: Python, socket Programming, MongoDB**

- Designed a multi-client, server chat app with load balancing, in which a user could chat, share files with other users personally & in group
- Performed end to end encryption of the messages that used DES and Deffie Hellman algorithm for key exchange

**Mini-torrent**

**Technology Used: C++, Socket Programming**

- Created P2P Group Based File sharing system
- Implemented chunk-based sharing with the help of a centralized tracker & a self-implemented piece selection algorithm

**Mini SQL Engine**

**Technology Used: Python**

- Worked on a Mini SQL engine from scratch
- The application could run some basic queries like Project, Aggregate functions, group by, Distinct & order by