Harshit Raghuvanshi

Software Development Engineer @ rharshit98@gmail.com

**** +91 9969817450

in /in/Harshit-Raghuvanshi

/rharshit

Education

Manipal Institute of Technology

B.Tech in Computer and Communication Engineering 7.84 CGPA

August 2016 - August 2020

Manipal, Karnataka, India

Work Experience

Cisco Systems (India) Pvt. Ltd.

Senior Software Engineer

Movember 2021 - Current

Pangalore, Karnataka, India

- Develop Design Documents and provide technical expertise for business requirements.
- Managing DevOps and deployment cycles for multiple applications.
- Scaled up to become subject master expert on various applications.

Software Engineer

August 2020 - October 2021

- Pangalore, Karnataka, India
- Created RESTful Service as amicroservice based on Spring boot.
- Enhanced security and performance by implementing OAuth 2.0 and Hikari CP, and redisigning database procedures.
- Developed the complete audit log framework.
- Managed CI/CD pipelines along with load balancer configurations.

Software Engineer Intern

iii January 2020 - June 2020

Pangalore, Karnataka, India

- Developed a POC merging different frameworks like Struts, Spring and AngularJS, optimizing, refactoring and cleaning the legacy code.
- Developed and integrated custom cache management.

Janitri Innovations Pvt. Ltd.

Software Engineer and Image processing Intern

May 2019 - July 2019

P Bangalore, Karnataka, India

- Built complex custom image processing algorithms on OpenCV to clean the images and process in batches for optimal throughput.
- Developed Android app using MVVM architecture for the end user.
- Optimized thread scheduling and resource handling to optimize the processing up to 8x.

Projects

Ticker Microservice application suite to automate trading

Apr 2021 - Current

- Built application suite on microservice architecture.
- System design prototyping and evaluation for robust application and fast development.
- Autonomous homogeneous MySQL databases for backend.
- Microservies based on Spring boot and Python for API layer.
- Implemented custom task executors and thread pools.

XDA Developers Contribution to multiple open source projects

May 2013 - Feb 2015

- Developed Android OS based on Anroid Open Source Project.
- Contributed to Open Source projects like CyanogenMod and LineageOS.

Technologies

Well versed: Java, Python, C++, Android,

SQL

Familiar: TypeScript, Angular, Bash,

HTML/CSS

Tech used: Maven, Gradle, Git, OpenCV Courses: OOP, Data Structures, TCP/IP, OS, DBMS, Software Design, Parallel Programming, Data Mining, Embedded Systems

Achievements

ICPC Regionals

2018-2019

- Rank 36 in ICPC Kharagpur region.
- Rank 46 in ICPC Kolkata-Kanpur region.

Academic awards

- Top 1 percentile in high school.
- Awarded silver medal in state level maths competition.

Positions of Responsibility

IECSE Vice-Chairperson

2016-2019

- Lead the largest technical club of the uni-
- Managed events and sponsors, and orchestrated working and managing committees.
- Organized various workshops like Google Developer Group and datastructures.

TechTatva Event head

· Event heads of technical and nontechnical events in college tech fest.

Other Projects

- An Android app with all the basic phone features to reduce distraction.
- Integrated third party libraries like Retrofit and Glide.

 A JavaFX project to track fitness habbits stored in MySQL.

 Implemented hand gesture recognition using OpenCV for Python.