RISHON PATANI

Software Engineer

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Work Experience

Software Engineer

Cerner Corporation

📅 Aug 2017 – Present   📍 Bangalore, India

- Design and develop an ICU critical multi threaded solution which integrates with other charting solutions and nursing workflows.
- Uplifiting legacy C++ application to a large distributed web application (Java/Javascipt, RESTful services)
- Fix the security vulnerabilities reported by HP Fortify and Klocwork tool.
- Excellent debugging skills and perform unit testing using JUnit. Perform scalability and load testing using gatling framework.

- Designed and developed a custom configuration and batch build tool to automate configuration and build of projects
- Implemented an XML parser using COM libraries, a non-blocking build tool with live build status.
- Implemented a diff functionality which picks up the last correct build configuration in case of a build failure.
- **Technologies Used::** Java | C++ | C# | COM | MFC

Internship & Full Stack Developer

SapientRazorFish

📅 January 2017 – June 2017   📍 Sapient, Bengaluru

- Developed an e-commerce book retail web portal using Springboot framework.
- Implemented advanced search, product catalog management and smart content filter for Review Comments and incorporated internationalization.
- Developed a chat room using NodeJs, socket.io and integrated it with the main application
- **Technologies Used:** Java | Spring | Javascript | Oracle SQL | jQuery | Bootstrap | Ajax | JSON | HTML5 | CSS3 | FontAwesome

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Platforms

StackOverflow

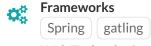- **Fairly active on StackOverFlow to contribute to the community**

Github

- **Repositories:** 4
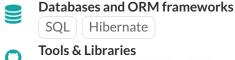- **URL:**http://github.com/rishon1313

Life Philosophy

"Work until you no longer have to introduce yourself"

Skills

Programming Languages

Java   C++   Python   C   Javascript

Operating System

Linux   Windows

Frameworks

Spring   gatling

Web Technologies

HTML5   CSS3   JSP   Angular   Bootstrap   jQuery   Ajax   JSON   Tomcat   Jersey   Maven

Databases and ORM frameworks

SQL   Hibernate

Tools & Libraries

Git   SVN   Jenkins   Jira   Eclipse   Visual Studio

Education

B.Tech in Computer Science

VIT University, Vellore, Tamil Nadu, India

📅 July 2013 – May 2017

- **CGPA:** 8.47/10

Higher Secondary Education, Maharashtra State Board

RYK College of Science, Nashik, Maharashtra, India

📅 August 2011 – March 2013

- Percentile: 80.5

Matriculation

Silver Oak School, Nashik, Maharashtra, India

📅 March 2011

- **Percentage:** 94.55

Projects

Expense Splitter
An application to easily split group and shared expenses
📅 Mar 2017 – Apr 2017   📍 Bengaluru, India

- Designed and developed an "Splitwise" like application from scratch
- Developed using Java, Spring MVC, JSP, Jquery, AJAX
- Used RESTFul services to integrate this with a Payment Wallet application which authenticates the payment based on the unique Phone number provided.
- **Link:** https://github.com/rishon1313/ExpenseSplitter
- **Skills:** Java | Spring | Jquery | Ajax

Polling application
Create, vote and view poll stats
📅 Feb 2017 – Match 2017   📍 Bengaluru, Karnataka

- The goal was to develop an online polling application where users can create polls as well as post positive, negative, neutral feedback on various services in the company.
- Developed the application using J2EE, Jsp, Servlets. Also used Chart.js to display the results in an interactive pie chart
- **Skills:** Java | J2EE | Servlets | Jquery | Ajax

ChatUS
Multi-client Chat Application
📅 Aug 2016 – Sep 2016   📍 VIT University, Vellore

- Developed a client side and server side communication sockets to communicate between multiple client and server .
- Implemented public key encryption (AES), digital signature and timestamps concept to secure the system from sniffers or attacks.
- **Skills:** Python | Sockets | Network Programming Fundamentals

NodeJs Twitter bot
A twitter bot using NodeJs
📅 Jun 2017 – Jul 2017   📍 Bengaluru, India

- A twitter bot to search tweets, retweet, and like posts using custom parameters
- Using sentiment analysis API's to tweet, retweet based on the sentiment percentage of the identified post.
- **Skills:** JavaScript | NodeJs

Strengths

Problem solving   Self Starter   Strong communication

Achievements

Mentor
CI/CD initiative
📅 May 2018   📍 Cerner Corporation

- Mentored a small team and designed framework for Vertical Regression automation initiative of legacy windows platform applications.

Accolades

- Nominated for core values Leadership for exceptional overall performance during internship project . (2017)
- Embedded project Smart Home System nominated for Engineer's day Exhibition. (2016)
- Conferred with the title of Amul Vidya Shree for outstanding academic performance in State Board examinations. (2011)
- Secured 5th rank in district and awarded scholarship in MTSE (Maharashtra Talent Search Examination) (2010)
- Top 1% in Maharashtra state and awarded scholarship for Mathematics Scholarship Examination by Abacus Vision. (2009)
- Top 5% of total 27000+ participants in National Science Olympiad. (2009)
- Secured 13th rank and awarded Savitribai Phule Scholarship in Middle School Maharashtra State Scholarship examination.

Responsible Positions

- **Team Leader in Drone Project:** Led a team over 4 months in design, for automation of quadcopter and to enable help in disaster management.
- **Co-ordinator-Special Guest Committee:**Responsible for the travel and accommodation of special guests invited for Tech Fest

Hobbies

- Solo Travel, listen Music
- Play Chess, watch Esports