

Avtar Singh

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Objective

I am seeking a company where I can use my experience and education to help the company meet and surpass its goals.

Profile

- Detail Oriented IT professional with more than 1 year of experience as a Software Developer/Engineer in web and mobile applications. Skilled at operating in a wide range of platforms.
- Certified **SAFe and AWS Associate Developer** Practitioner.
- Excellent written and oral communication skills; capable of explaining complex software issues in easy-to-understand terms. Outstanding analytical thinking, decision-making and problem-solving skills. Easily adaptable to new changes either process or technology. Ability to multi-task in a fast-paced environment.

Education

YEAR 12 | 2008 | PATEL PUBLIC SCHOOL

- VCE Units: Mathematics. Physics. Chemistry. English. Physical Education.
- Outstanding performance in Mathematics and Physics.

BACHELOR OF COMPUTER SCIENCE | 2015-2017 | RMIT

- Received HD for most subjects and Distinction for the rest.
- **Agile Software Development** with frameworks such as **Scrum, Kanban, and DevOps**.
- Cumulative GPA of 3.8

Skills & Abilities

- In-depth knowledge and understanding of complete software development lifecycle and aware of testing and quality issues. Practical experience in SDLC and Processes – Project Planning, Requirement Gathering, Development, Test Planning, Release Management, and Project Support.
- Hands on Experience of numerous frameworks (**Spring, React, ASP.NET Core, Laravel, Node.js, AngularJS**).
- Expertise in numerous programming language (**Java, C, C#**) and also have knowledge of web development language (**JavaScript, jQuery, PHP, HTML, XML, CSS**).
- Profound knowledge of Relational & NoSQL databases.
- Solid understanding of how to build testable, decoupled, maintainable code and other engineering best practices.
- Proactive and willing to learn new technologies and systems. Great interest in learning emerging Technologies, Application Architecture and Design, by means of latest tools, technology and innovation.
- Superior communication (oral and written), customer service and interpersonal skills.
- Confident, transparent, positive, responsible, target oriented and always seeks process improvements.

Experience

SOFTWARE ENGINEER | COGNIZANT | 2018-CURRENT

- Worked as a Full stack developer including Development, Testing and Deployment.
- Worked with Telstra (client) in upgrading their Customer Service Management Portal.
- Agile Software development approach in all the projects.

MANAGER | DOMINOS | 2012-2015

- Managed payroll for 20+ employees.
- Created sales reports and projections for the business.
- Ensured smooth functioning of the business.

TEAM LEADER | HUNGRY JACKS | 2009-2011

- Worked with staff of 15 employees.
- Managed conflicts and finding best solutions to solve them.
- Learned team collaboration and achieve maximum overall outcome.
- Did more than asked and displayed genuine commitment to the team and business.

Snapshot: Technical Skills

WINDOWS | MACOS | LINUX

- Language / Technology
C, C#, Java, PHP, AJAX, XML, HTML, CSS, Bootstrap, JavaScript, jQuery.
- Database
MySQL, SQLite, DynamoDB, MSSQL
- Project Management Methodologies
Agile, Waterfall, Scrum, Lean, XP
- Development / Design
Visual Studio, IntelliJ, Android Studio.
- Cloud/AWS
S3, EC2, Elastic Beanstalk, RDS, Lambda, SQS.
- Source/Version control
Git, Bitbucket

CERTIFICATIONS

- **Certified SAFe Practitioner**, Scrum Alliance, 2018
- **Certified AWS Associate Developer**, AWS, 2019

EVIDENCE OF EXPERIENCE & SKILLS

Projects:

TELSTRA (iTAM)

Software Developer

March 2019 – May 2019

Technologies Used: Spring boot, Java.

Summary:

Worked as Software Developer on iTAM System Upgrade Phase. Role duties were to develop, execute and test user stories. Used Test-Driven development approach throughout the project.

SAFE Route (Outsystems mobile app)

Software Engineer

November 2018 – December 2018

Technologies Used: Outsystems (Low code)

Summary

Worked as developer in the team on the Outsystems mobile app called SAFE Route, on an innovative app idea identified by us. I had to demonstrate my ability to design the mobile app as well as the functionality of the app. My contributions include front end designing and development using Outsystems and then presenting the whole idea along with the app to Senior project managers. We won the best idea award for this app out of the group of 5 other teams.

Grizzly Store (E-commerce website)

Software Engineer

August 2018 – October 2018

Technologies Used: Spring Boot, HTML, CSS, Java, JavaScript, React.js, Redux, API Gateway, Jenkins, GIT.

Software Engineer on an E-Commerce website named Grizzly-Store in a cross-functional team. Overall, I took care of all the aspects of the project such as choosing technologies, managing team and developing in accordance with Agile processes. On the development part, I specifically worked on the front end of the application using Bootstrap and React.js for the user interface, Redux for data persistence, API calls and managing state. I created REST based APIs in the back end to assist filter options for the application-user. Microservices, API Gateway and Naming Server were used to get experience of developing real world applications.

Intelli-Hire

Front-End Developer

July 2017 – November-2017

Technologies Used: Laravel, AngularJS, PHP, JavaScript, MySQL

Front-End Developer on the Car-Hire website a team of 4 developers/testers and reported to product owner. I had to develop front end using AngularJS framework and use REST based APIS for data retrieval. I also assisted my team mate in creating a database schema for the application and use Eloquent (ORM) for Active Record implementation for working with the database.

Meeting Planner

Android Developer

July 2017 – November-2017

Technologies Used: Android Studio, Java, MySQL.

An Android application for spontaneous meeting between friends using location services and contacts from the Phone Contacts. I used Google distance matrix API to find a meeting place with similar distance between the friends. The application also decided the meeting time after analysing arrival time of each friend depending upon their location. Notifications were built in the application to remind the user of their upcoming meetings.

ABC Cineplex

Full-Stack Developer

March 2017 – June 2017

Technologies Used: ASP.NET Core, C#, MSSQL, Bootstrap.

Created this cinema website for my university project. It required the use of technologies including ASP.NET Core 1.0, MSSQL and Bootstrap + jQuery. It also included credit card validation, user sign-in/register, movie cart, GUI seat selection and basic Google Maps implementation. Part one required the frontend of the website to be built, and the second part required us to build a REST API to communicate with the MSSQL database.

OTHER INTERESTS

- A great player in CHESS. I think chess gives me the ability to remember patterns, tactics, guidelines and multiple ways of achieving a task that I can use at my workplace to solve problems and achieve maximum efficiency.
- Keen interest in technologies used in new gadget and appliances providing deep knowledge of the hardware on top of the software knowledge.

REFERENCES

Upon Request.

PORTFOLIO WEBSITE

www.avtarsingh.com.au