San Jose, CA 95126 <u>hackerrank.com/aquad</u> gladiatorash.github.io

ASHUTOSH SINGH

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SUMMARY

- Full stack developer with 4+ years of experience in Java, C#, Python, JavaScript, SQL and PHP
- Seeking summer 2017 internship opportunity

EDUCATION

San Jose, CA San Jose State University

Aug 16 - May 18

- Masters in Software Engineering | GPA: 3.9
- M.S. Coursework: Enterprise Software (Data Structures and Algorithms), Software Design (Design Patterns, UML),
 Distributed Systems, Enterprise Application Development, Cloud Technologies, Business Intelligence Technologies
- B.E. in Computer Engineering | Mumbai University

Aug 07 - May 11

SKILLS

- Back-End: Java, C#, Python, ASP.NET MVC, LINQ, ASP.NET, PHP, Web Services(REST/SOAP), Design Patterns
- Front-End: JavaScript, jQuery, HTML5, CSS3, Knockout.js, Underscore.js, DataTables.js, Bootstrap
- Databases: SQL Server, MySQL, PostgreSQL, Oracle, Redis, MongoDB
- Tools: Git, SVN, Team Foundation Server (TFS), ReSharper, Just Code, Code Maid,

EMPLOYMENT

Senior Software Engineer

Citius Tech

Aug 15 - Jul 16

- · Implemented Microsoft Code Analysis rules, fixed bugs and optimized code for performance
- Wrote code for better maintainability by use of design patterns, reduced errors in application by 50%
- Developed processes and tools to make daily work of other developers easier

Software Engineer L2

Rolta India

Nov 14 - Jul 15

- Designed application to improve approval processes in Department of Industries
- Created reusable jQuery components in the application

Associate Software Engineer

Paramatrix Technologies

Aug 12 - Nov 14

- Implemented a solution using jsTree library, optimizing the workflow
- Wrote a solution to keep track of certifications done by employees and provide statistics
- Optimized pages for faster load times, resolved bugs and set up build processes

ACADEMIC PROJECTS

San Jose, CA San Jose State University

Trip Planner (Python, JavaScript, Bootstrap, MySQL)

Aug 16 - May 18

- Created web app to find the cheapest fare and shortest route for a trip using Python and JavaScript
- · Integrated Google Maps, Uber, Lyft, Open Weather, Flickr APIs for comparing prices for a specified route

Catch Me If U Can (Java, AWS, Docker)

- Implemented multiplayer game to teach Binary Search to kids built using Java, Docker and AWS
- · Utilized Restlet framework for communication between client, on host machine and server on the cloud

Sherpaa Marketplace (PHP, JS, Heroku, HTML5, CSS3)

- Designed a modern web marketplace using HTML5, CSS3, PHP, JavaScript and deployed on Heroku
- Pulled data from 5 different REST APIs using PHP and provided product recommendations to user

Crime Report (Python)

- · Implemented code to generate report on unsafe places near the user location using Crime API
- Analyzed frequency as well as severity of crimes to classify unsafe places

CERTIFICATIONS

- MS: Programming in HTML5 with JavaScript and CSS3 Specialist (Microsoft Aug 2014)
- MCSD: Web Applications (Microsoft Aug 2014)
- MCPS: Microsoft Certified Professional (Aug 2014)
- EDGE: Software Engineering Training from CMC (Dec 11- Aug 12)

AWARDS

- STAR of the team: Awarded for consistent performance by CitiusTech in 2016
- First prize: Awarded for original idea at IBM Technical Event held at VJTI Technovanza 2010
- Second prize: Awarded at Technical debate held at DBIT Colosseum 2009