NIKITA SATAV

nikita19@uw.edu | +1 (214) 604-2126 | Seattle, WA

LinkedIn | GitHub

EDUCATION

University of Washington Bothell, Seattle, WA   Expected Graduation: Mar'22
Master of Computer Science
Relevant Courses: Software Management, Parallel Programming in Grid and Cloud

University of Pune (SPPU), Pune, India   Aug'12 - Jun'16
Bachelor of Engineering in Computer Science   GPA: 3.84/4.00
Relevant Courses: Design and Analysis of Algorithms, Data Structure and Problem Solving, Object Oriented and Multicore Programming, Data Mining Technologies

TECHNICAL SKILLS

Languages: Python, Java, C#, VB.NET, C/C++, R
Web Technologies: JavaScript, CSS, HTML, XML, AJAX, AngularJS, jQuery, JSON, React JS, Flask, Charts.js, D3, Telerik, socket.IO
Frameworks: .NET, Bootstrap, Spring MVC
IDE/Tools: Eclipse, Visual Studio, NetBeans, PyCharm, IntelliJ, RStudio, Sublime, Weka, MATLAB, LaTeX, Anaconda, Jira
Databases: MySQL, Microsoft SQL Server 2008-2016, MongoDB, SQLite
Operating Systems: Windows, Linux, Ubuntu, MacOS
Version Control: GitHub, TortoiseSVN

PROFESSIONAL EXPERIENCE

FinIQ Consulting Pvt Ltd, Pune, India   Jun'16 - Mar'19
Software Developer
- Passionately learned financial products like Fixed Income Bond, Equity Linked Investment and Foreign exchange derivatives to develop web applications and REST services from scratch for the client (C#, vb.net, JavaScript, jQuery)
- Developed graphical metrics for financial reports which reduced manual data analysis efforts by 70% (chart.js, D3, AngularJS and Telerik)
- Led a team by implementing WebSocket in an application to notify new deals/orders and live pricing, to get real time information in an efficient manner (C#, JavaScript)
- Created a pricing application via Finance Information eXchange (FIX) and email service, boosting financial data security for the client (Java)
- Enhanced user interface of the existing banking application, implementing new web technologies, and improving the user navigation and interaction (Bootstrap and Advanced JavaScript)
- Successfully configured, and delivered applications via releases, SIT, UAT and GO LIVE phase with continuous upgrade support for three projects
- Devised an integrated test framework to increase the accuracy, efficiency, and quality of client products
- Ensured a secure development and maximum utilization of the security features for financial systems
- Received a 'Best UI Award' in company organized Hackathon event for developing real time scoreboard

PROJECTS

Chatbox (PyCharm, Python, socket.IO, Flask, HTML, JavaScript, jQuery, Bootstrap, SQLite) GitHub   Aug'20
- Built a real time online messaging application for communication where application users will be able to register into the application, create channels and send/receive messages

Book Review Application (PyCharm, Python, Flask, HTML, JavaScript, jQuery, SQLite, Bootstrap) GitHub   Jun'20
- Designed and developed an application to search for books and write reviews by utilizing a third-party Goodreads APIs to pull in ratings from broader readers community

Crime Investigation System (Eclipse, Java, Data Mining, HTML, JavaScript, CSS, Weka, MySQL)   Apr'16
- Developed a university sponsored crime investigation system to predict the crime, based on past behaviour of criminals and geographical crime history, and won 'Best Paper award' during paper presentation

Sign Language Recognition (MATLAB, Image Recognition)   May 15
- Created a Proof-of-Concept for communication system which can help people with hearing and speaking disabilities

Lock Pattern (C++, Computer Graphics)   May 14
- Developed a lock pattern application to enhance the security and privacy of users, using line generation algorithm