SAIVENKATANIKHIL NIMMAGADDA

Columbia, SC 29201 | (803) 636-3904 | nimmagas@email.sc.edu | linkedin.com/in/nikhilnsv | github.com/nikhilnimmagadda

EDUCATION

UNIVERSITY OF SOUTH CAROLINA, Columbia, South Carolina	Intended grad: May 2020
Master of Computer Science	**GPA**: 3.33/4
UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, Hyderabad, India	2012-16
Bachelor of Engineering in Computer Science and Engineering	**GPA**: 3.65/4

TECHNICAL SKILLS

- **Programming skills**: C++, Python,C,C#,PHP,CoreJava,AdvancedJava
- **Databases**: Oracle PL-SQL, MySQL, NOSQL,DynamoDB,MongoDB
- **Popular**: AWS-Lambda, EC2,S3,DynamoDB
- **Web Technologies**:HTML5, CSS3,React,Nodejs,Angular,JavaScript,Ionic,SpringBoot,Hibernate,RestfulAPI,XML,JSON
- **Other**: Jira,GitHub.Jenkins,Apache,XAMPP

PROFESSIONAL EXPERIENCE (3+ years)

UNIVERSITY OF SOUTH CAROLINA | Graduate Research Assistant|Columbia,USA   Aug 2018-Till Date
- Upgraded the e-park management software from PHP to Java using Spring following MVC Pattern
- Build RestAPI to handle interaction between e-park and AWS DynamoDB and used AWS Lambda, EC2 and S3 to build cost-effective and scalable application
- Designed the new UI of Department Website after carefully analyzing customer behavior and preferences. Revamped the same to include new features, new look and improved intelligence.

UNISYS CORPORATION | Associate Engineer|Bangalore, India   Jun 2016-July 2018
- Developed Responsive Web and Mobile Applications using MVC design patterns, Object Oriented Programming concepts.
- Good exposure to Agile development Methodologies, code reviews and worked directly with Management and Product owner to design, develop, document and deploy applications
- Developed UI interface by implementing responsive pages and troubleshooting alignment issues in Web and Mobile Applications using Ionic, Angular, HTML and CSS.
- Implemented password encryption feature for Registration and Login Modules using Spring Security in Web Application
- Involved in database design of the product and Implemented Project Structure of Child Now Application by creating controller, Service, Dao and entity classes using Spring boot.
- Built a Reusable Error configuration framework and common login framework that reduced the response time by 50%
- Developed Text to Speech and Panic button features by integrating with external APIs

OUCE Placement Office | Web Developer|Hyderabad,India   April 2015-July 2015
- Developed a mobile application for placement office that acts as interface between students and placement office using JavaScript and MySQL.
- Monitor, maintain (including removing unwanted data from the database), troubleshoot and keep the "Placement Office" database available at all times.
- Developed Registration, Login and Email Verification using JAVA Mail API and tested using JBOSS tool

SELECTED PROJECTS

Weather Application [Java, AndroidStudio,OpenWeatherAPI]   Code
- Developed dynamic web application to host weather data and browse new articles by exploiting RESTful web services

Secure Banking System [Spring Boot, Hibernate,Thymleaf,MySQL]   Code
- Developed an Online Banking Application prototype from scratch with features of Primary and Savings Account, Deposits and Withdrawals, Password Encryption, Transaction History and Appointment Booking.

E-Commerce Application [SpringBoot,Hibernate,Angular4,MySQL]   Code
- Architected and Programmed an Ecommerce Books Web Site with features of shopping cart,CardPayment Gateway, Fuzzy Search, Account Information, Billing and Shipment History

Auto discovery of RFID devices connected over a network[Python, MySQL]   Code
- Implemented detection of RFID devices connected over a network using Python and MySQL
- IP, MAC address and corresponding vendor for each device connected to the network were calculated.