Nanthakumar G

Self Motivated • Curious Learner

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in nanthakumarg

Work Experience

Team Lead @ Nexge Technologies
April 2017 - Present // Chennai

- Developed an international calling app on both Android and iOS.
- To gather SIP messages from tcpdump and show them in a web interface, a spring boot application was developed with Kafka.
- For browser-based VoIP calling, a SIP application has been integrated with WebRTC and Kamailio.
- Used the Google Cloud API to work with VXML for text-to-speech and speech-to-text conversion.
- An API testing framework for billing applications was created and implemented.
- Created video conferencing software and SDKs for Flutter and JavaScript.

Associate Team Lead @ Nexge Technologies
May 2015 - April 2017 // Chennai

- Migrated the billing web server from jboss4 to Wildfly
- Designed and implemented an admin and user panel with user-defined themes
- Used Hazelcast and Infinispan to implement high availability in the billing application. Services can be distributed across servers.
- Designed and implemented VoIP dialer backend REST API services using Jersey with an admin panel in AngularJS.
- Added improvement in the development flow. Introduced SVN, Maven, and a private chat network with the Openfire chat server, and introduced LDAP-based centralised login for SVN and chat.

Software developer @ Nexge Technologies
April 2013 - May 2015 // Chennai

- Discovered hacking attempts and made improvements to avoid
- Written SQL functions for database migration.
- Developed a mobile web application with JQuery Mobile
- Developed a monitoring application with own interest for the product.

Engineer - Tech support @ Nexge Technologies
July 2011 - April 2013 // Chennai

- Accountable for Linux server product installation and deployment management, including upgrades and monitoring.
- Provided product support through phone, email, and chat.
- Assisted with client integration and POC.
- Troubleshooting SIP signalling and billing issues.
- Designed and implemented a password and note management system with PHP and MySQL.
- Hands-on experience with Linux servers.
- Got appreciation from clients for the product Knowledge and Problem solving skill.

Skills

Programming Languages
Java, JavaScript, TypeScript, HTML, CSS, Kotlin, Swift

Libraries & Frameworks
Spring, Spring Boot, JavaEE, JPA, Hibernate, Struts 2, Hazelcast, Infinispan, React, Angular

Tools & Platforms
PostgresSQL, NodeJS, Docker, Kafka, Tomcat, Wildfly, Jenkins, Linux Servers, Git, SVN, Android Studio, Xcode, Figma, WordPress

Education

RVS College of Engineering and Technology
2007 - 2011 // Dindigul

Bachelor of Technology in Information Technology

St.Antony's Higher Secondary School
2006 - 2007 // Manapparai, Trichy

Computer Science, Mathematics, Physics & Chemistry

Strengths

- Analytical thinking
- Debugging & Troubleshooting
- Teamwork
- Love to learn