

Amey Pophali

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Summary

- Software Engineer with 5+ years of experience in all phases of Software Development Life Cycle with expertise in Java/J2EE.
- Excellent knowledge of REST API, Database design and front-end development using Angular framework and TypeScript.

Education

- **The University of Illinois at Chicago** - Master of Science in Management Information Systems **Jun 2016 - Dec 2017**
- **Manipal University** - Bachelor of Engineering in Instrumentation and Control **Aug 2007 - Jun 2011**

Work Experience

Software Developer Project Intern **Packback Inc.** **Aug 2017 – Dec 2017**

- Enhanced UI of Packback's website by introducing a clickable word cloud to efficiently explore content on the website (Angular).
- Designed and developed the backend as REST API using Java, SpringBoot, Hibernate ORM and MySQL database.
- Developed Python app to get relevant words for the word cloud by processing large datasets using data mining models.

Senior Software Engineer **Accenture (Client - Telefonica O2 UK)** **Dec 2014 – Mar 2016**

- **Web application using Spring MVC:** Designed and developed a web application that enables client's teams to generate and analyze telecom billing reports and insert telecom reference billing data into the interconnect billing database.
- **Telecom application:** Co-led the efforts to design and develop software solutions on client's Telecom Billing infrastructure to address client's requirements; extensively used Java and C; applied OOP principles in low-level technical design.
- Designed and implemented projects such as introduction of new telecom operators in client's billing network, optimization of telecom call data processing mechanism and upgradation of error data reprocessing processes.
- **Frontend:** Designed front-end UI for the web application using Angular JS, JavaScript, jQuery, HTML and CSS.
- **Database Integration:** Used Spring DAO to connect the web application to a relational database (Oracle DB) for persistence.
- **JUnit Test:** Performed unit testing for the web application modules using JUnit Framework. Used Log4J for debugging and logging.

Software Engineer **Accenture (Client - Telefonica Spain)** **Jun 2011 – Nov 2014**

- **Software Development in Agile:** Developed and implemented software solutions through the scrum agile framework for the client's telecom provisioning application; primary languages used across was Java, C, Oracle PLSQL and shell scripting.
- **Database Development:** Designed and developed an Oracle relational database for the provisioning app; extensively used Oracle PL/SQL; automated features and optimized performance by deploying indexes, stored procedures, packages and triggers.
- **Automation:** Automated tasks such as sending alerts, comparison of baseline and post code data from testing cycles; the automation saves at least 4-man hours of efforts per week and reduces the probability of human error.

Projects

Full Stack Web Development for a Restaurant website | REST API, Java SpringBoot, Angular, AWS, Typescript, Hibernate, Git

- **REST API:** Designed and developed a backend that works as a SpringBoot REST API; used Hibernate to connect to a MySQL DB.
- **Front-end:** Designed the front-end as a Single Page Application(SPA) using Angular and Bootstrap frameworks.
- **Cloud hosting:** Successfully deployed REST API on AWS Elastic Beanstalk and Angular app on Google Firebase.

Call Data Record (CDR) Processing Algorithm Design and Dev (Accenture) | C, Oracle PL/SQL, Oracle DB, Unix, Shell scripting

- **Leadership:** Co-led a team for a project that enhanced functionality of CDR processing on client's telecom billing infrastructure.
- **System Design:** Extensively worked through all stages of SDLC from requirements, design to go live adhering to quality standards.

Seat reservation Web based Application | Java Spring Boot, Angular, Typescript, Spring DAO, JDBC, MySQL, Maven, JUnit

- **Spring Boot and Angular:** Designed and developed a seat reservation application that enables users to book seats on web.
- **JUnit test framework:** Developed and executed JUnit test cases using to thoroughly unit test all the application modules.

Android Application Development | Java, Android SDK, Android Studio, Gradle, SQL Lite, Git

- **Mobile App Development:** Designed and developed an Android Application that enables the professors at UIC Business school to get student feedback on subject matters being taught, track attendance and class participation of students in the class.

Skill Highlights

- **Technologies:** Java, C, Python, TypeScript, R, Android Development, Oracle PL/SQL, Perl, Shell scripting, Unix
- **Web Technologies & Concepts:** Restful API, SpringBoot, Spring MVC, Angular, AWS Elastic Beanstalk, AWS RDS, Hibernate ORM, Bootstrap, HTML, CSS3, JSON, jQuery, JSP, JSF
- **Databases & tools:** Oracle DB, MySQL, Apache Cassandra, Git, IntelliJ IDEA, Eclipse, Maven, Android Studio, Gradle