

NISARG PATEL

🏠 2,198 Main Street, Binghamton, NY
☎ 607-374-0441

nisarg.2151@gmail.com

linkedin.com/in/nisarg2151
github.com/nisarg2151

EDUCATION

- **Binghamton University, State University of New York** **Current GPA: 3.8** **Expected May 2019**
Masters of Science in Computer Science
- **Sardar Vallabhbhai Institute of Technology, Gujarat, India.** **May 2013**
Bachelor of Engineering in Computer Engineering

TECHNICAL SKILLS

- Technologies : Java, J2EE, Angular, Kafka, Rest Webservices
- Web Technologies : JavaScript, Typescript, Angular, HTML, CSS, jQuery, Highcharts.
- Database : Oracle, Druid, Cassandra, Mongo DB, MySQL
- O/S : Linux, Unix, Windows.
- Tools : Eclipse, Maven, VS Code, Tomcat, SQL Developer, Git, SVN

PROFESSIONAL EXPERIENCE

📁 **Harman (Client: BT)** 👤 **Software Engineer-Product Development** 📍 **Pune, India** 🕒 **Apr 2016 – Jul 2017**

- Designed & developed the product that reflected an accurate understanding of application business requirements.
- Development of Angular2+ Components, Modules, Custom Directives & Pipes, Routers, Services using Typescript.
- Installed & Configured Kafka, Zookeeper and Druid in a distributed cluster based environment.
- Used Highcharts library extensively to develop complex graph reports of various types.
- Lead UI developer for a team of 7, Developed and designed UI using Angular 2, HTML, CSS, JQuery etc.
- Developed Rest based web services using Spring to cater HTTP requests coming from web based UI.
- Was Pivotal in documenting key processes along with clients and peers.

📁 **Tech Mahindra Ltd. (Client: AT&T)** 👤 **Software Engineer** 📍 **Pune, India** 🕒 **Sept 2013 – Mar 2016**

- Coded, designed and tested for PMT, live defects (LD) and MWR with strict timelines. Followed agile methodology.
- Mentored teammates, both formally and informally, on work processes and application features/technologies.
- Participated in peer and team meetings for code review and analysis.
- Worked on JAVA, Shell Scripts, SQL, ESP Workstation etc.

ACADEMIC PROJECTS

Retail Business Management System (Team: 2) **Duration: 1 Month**

- Developed database from scratch for a typical retail business setup comprising of employees, products, customers, purchases etc, it included a variety of triggers and procedures to maintain logs automatically, keep an eye on inventory& place order for unavailable products.
- We also developed rest web services using spring, maven etc to send data to frontend using JSON. Frontend was developed in Angular 5 using Angular CLI, Bootstrap, Material, jQuery etc.

Mini Bash Shell, Linux System Call, Linux Kernel Module, Custom Named Pipe. **Duration: 3 Months**

- Developed a mini shell that can execute command with foreground & background functionalities using fork and exec in C language. Implemented a Linux System Call to read kernel time and report to user space.
- Developed a custom kernel module, a character device which acts like a named pipe of fixed size.

Transforming Printed Documents Directly to Database (Team: 3) **Duration: 1 Year**

- This project is based on image processing wherein the user has to input the scanned copy of the mark sheet in desired format. The software will process the document and automatically detect various fields and extract appropriate data from it. We then stored this data in database for further use.

AWARDS / EXTRA CURRICULAR ACTIVITIES

- Going the Extra Mile Award. (Awarded to most assiduous employee of the team).
- Place on the Wall of Fame. (Awarded to top 5 employees every quarter).
- Client Appreciation: For Automations, reducing execution time by 40%.