
MANSI NAGPAL

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OBJECTIVE

To secure a challenging position where I can effectively contribute my skills and get an opportunity to learn and grow.

PROJECTS

- **ParkSmart:** Android application using image processing to assist user in finding the appropriate parking spot and help them keep track of their parked vehicle using anti-theft feature.
 - **Stop, Sell n Shop:** J2EE Web application for users to buy or sell products, or services which is analogous to Olx; built using Hibernate framework, Oracle database, Apache Tomcat etc.
 - **DigitReg:** Isolated Digit Speech Recognition as a classification problem. Used LPC for feature extraction, neural network with Polak Ribiere algorithm for back propagation.
 - **Software agent** to perform OS tasks using NLP in Python.
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HOBBIES

Volleyball, singing, cooking

EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER 3, ADOBE INC.

Feb 2019 – Present: Working with Adobe Sensei and Search team. Technology stack involves Apache Storm, Apache HBase, Elasticsearch, Kafka, Redis etc.

- Idea selected in **Tech Summit 2021** for a breakout session on “Context Aware Search for Geometrically Similar Shapes”.
- “**Kudos Award**” in 2020 for setting up a new ingestion service from scratch (Kafka consumer) and guiding fellow teams to use this as reference for their use cases.
- **Patent** on “Personalized Image Recommendations for Areas of Interest” approved in 2020.
- Lightning Talk selected in **GHCI, 2019** on “Color Search: Now and Beyond”.

July 2017 – Jan 2019: Worked with Adobe Illustrator team: desktop app for vector graphics.

- Youngest **Tech Summit 2019** presenter from team; selected for a breakout session in Adobe Tech Summit 2019, San Francisco.
- **Patent** on “A Method and apparatus for Multi-State Vector Graphics” approved in 2018.
- Second runner-up in **Innovation Week** held in 2018 for idea on color recommendations based on existing colors used in the artwork.
- “**Promising Young Developer Award**” in 2018 for playing key role in the development of Presentation mode and Trim View, shipped in CC 2019.
- “**Most Collaborative Team Award**” in 2018 for being a key contributor in the development of Adobe Sensei feature: *Global Edit*, shipped in CC 2019.
- “**Pat on the Back Award**” in 2017 for migration of automation framework and project setup creation independent of the underlying Operating System.

SOFTWARE DEVELOPER INTERN, MAQ SOFTWARE

June 2016 – July 2016

Two months internship program. Tech Stack: AngularJS, Bootstrap, t-SQL, DynamoDB, Spring, validation tools etc.

EDUCATION

BTech, NIT KURUKSHETRA	2013-2017, CGPA: 9.33
XII - Sacred Heart Convent School, Jagadhri (CBSE)	2013, 94.20%
X - Sacred Heart Convent School, Jagadhri (CBSE)	2011, 10 CGPA