

Mansi Jain

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WORK EXPERIENCE

AMD, Austin, TX

Staff Full Stack Software Developer

Jul 2022 – Present

- Led a team of 4 to develop and deliver a scheduling app that reduced the process time by 20%.
- Architected and developed 4 proprietary webapps, backend tools, and server benchmark automation.
- Performed production releases, created implementation plans, and coordinated with the DevOps team.
- Conducted demos for 3 parallel teams, translated user requirements, feedbacks and communications.
- Continuously mentored new hires, summer interns and consultants.
- Received Spotlight award for successfully launching a scheduling app that improved SUT utilization by 32%.

Sr. Full Stack Software Developer

Mar 2020 – Jul 2022

- Developed a web app and APIs to render data from Hadoop using webHDFS and Kerberos.
- Maintained a data pipeline using Scala, Spark Streaming, Kafka queuing, and persisted data in Hadoop.
- Implemented software load balancing for 10+ applications running on Docker with Kubernetes Orchestration.
- Introduced Figma for prototyping, NewRelic for monitoring and FastAPI for webservice development.
- Automated CI/CD pipelines using Docker, github action runners, Nginx reducing operations time by 15%.

Cirrus Logic, Austin, TX

Oct 2017 – Mar 2020

Full Stack Software Developer

- Developed web app and API in Django, ReactJS, Redux, Python, PostgreSQL and Elasticsearch.
- Designed and developed a query language on textual data using Elasticsearch leveraging Lucene.
- Automated unstructured data parsing from confluence API to structured data using BeautifulSoup.
- Developed parsing scripts for CSV and XML files that expedited data import by 70%.
- Setup nightly cron jobs in Jenkins and performed continuous integration using performace and git.
- Improved performance by more than 54% by revamping the backend and Redux frontend store.
- Received the Rockstar award for streamlining the workflow between Design and Verification teams.

Ericsson, Inc., Manchester, NH & Waltham, MA

May 2016 – Dec 2016

Software Development Intern

- Developed a full-stack website on Spring MVC, middle-tier in Java (EJB), UI in SmartGWT and tests in JUnit.

Northeastern University, Boston, MA

Graduate Teaching Assistant, Program Structure & Algorithms

Jan 2017 – May 2017

Graduate Research Assistant, Data Analyst Team

Jan 2016 – May 2016

EDUCATION

Northeastern University, College of Engineering, Boston, MA

Jul 2015 – Aug 2017

Master of Science in Information Systems

Received **Excellence in Research Award** chosen from 900 students at the Research, Innovation & Scholarship Expo.

National Institute of Technology (NIT), Raipur, India

Jul 2011 – Jun 2015

Bachelor of Technology in Information Technology

TECHNICAL SKILLS

Programming Languages:

Python, JavaScript, HTML / CSS, SQL, Ansible

Web Technologies:

React, Redux, Rest APIs, WebSockets, Vue.js

Frameworks:

FastAPI, Flask, Django, Hadoop MapReduce

Databases:

PostgreSQL, MongoDB, MySQL, Elasticsearch/NoSQL, JDBC

Technologies:

AWS, Kafka, Celery, Docker, Kubernetes, GIT, JIRA, Figma

Functional:

SDLC, Multi-threaded programming, Distributed systems