

ROHAN NITIN GANDHI

3523271671 | rohangandhi109@gmail.com | linkedin.com/in/rohan-gandhi-739a62115/ | rohangandhi109.github.io/portfolio/

SUMMARY

Creative and self-motivated software engineer with previous experience as a full-stack developer. Dedicated to implementing new strategies and learning new technologies in the software and website development field.

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript

Databases: MySQL, MongoDB, PostgreSQL

Technologies: ReactJS, expressJS, Flask, RestAPI, GraphQL, Git

PROJECTS

Project Repository: github.com/rohangandhi109

BugTracker | Python, Flask, PostgreSQL, Heroku

- Developed a full-stack web app with 4 end user categories to track tickets during the software development cycle
- Implemented authentication using the API provided by **Auth0** and used the auth tokens for authorization
- Incorporated JavaScript charts for better data visualization. Served by database API in **SQLAlchemy**
- Reduced code redundancy by 20% with jinja templates

E-commerce Website | Node.js, HTML-ejs, CSS, Mongoose, GraphQL, Heroku

- Developed a full stack shopping website that allows online ordering, payment, and authentication features
- Created API's using the queries and mutation concept of **GraphQL** to optimize the response time
- Incorporated Stripe API for payments and send grid API to send mails

Handwritten Digits Recognition | Python, Pandas, TensorFlow, Keras

- Developed a convolution Neural Network in python using tensorflow and keras to classify hand written digits
- Achieved accuracy of **94.86%** and was awarded as **best model** in class
- Used dimension reduction techniques to improve the performance, thereby helping in reducing the noise in the data

Data Deduplication on Cloud Storage | Java, AWS EC2, S3, MongoDB

- Developed **hash-table** based De-duplication algorithm to compare and remove duplicate data
- Implemented file compression algorithm to reduce the storage space and improve performance and achieved a compression metric of 18%

Tapestry Algorithm Simulator | Elixir

- Implemented a routing algorithm for decentralized distributed systems resulting in a fault tolerant system to handle errors and prevent loss of root node and replicas
- Completed algorithm testing in a network of 10,000 nodes to verify successful implementation of algorithm

EXPERIENCE

Associate Software Engineer, Accenture

Nov 2018 – Jul 2019

Pune, India

- Completed the fundamental Training in Java, SQL, HTML and SAP Basis Administration
- Testing and verifying the background jobs in the database are running smoothly. Worked on enhancement and robustness of these background jobs

EDUCATION

University of Florida

May 2021

M.S. Computer Science (GPA: 3.8)

University of Pune

Jun 2018

B.E. Information Technology