Nikhil A V

Portfolio: husts.com
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EDUCATION

- **Dayananda Sagar Academy of Technology and Management** — Bengaluru, India
  Bachelor of Engineering - Computer Science and Engineering; CGPA: 8.55 — 2019 - 2023
  Courses: *Operating Systems, Data Structures And Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- **Sri Chaitanya Techno School** — Bengaluru, India
  High school 12th - PCMIP CBSE; Percentage: 81.8% — 2018 - 2019
- **Sri Siddhivinayaka Residential School** — Kundapura, India
  10th - ICSE; Percentage: 90% — 2016 - 2017

SKILLS SUMMARY

- **Languages:** Python, Java, Dart, C/C++, JavaScript, SQL, Bash
- **Frameworks:** Pytorch, TensorFlow, Keras, Django, FastAPI, Flutter, Selenium, React, OpenCV
- **Tools & Platforms:** Docker, GIT, PostgreSQL, MySQL, SQLite, Linux, Azure
- **Soft Skills:** Leadership, Event Management, Public Speaking, Entrepreneurship

EXPERIENCE

- **ABB GISPL.**
  Software Engineer — *Aug 2023 - Present*
  - ○ **Working on ABB Ability™ Genix Industrial Analytics and AI Suite Platform, Handling DataOps:**
  - ○ **Agile, DevOps, Product Life cycle, Dotnet, APIs, Azure Cloud, k8s, Docker, Database, Digital Twin, Machine learning, MQTT:**
- **ABB India**
  DevOps Intern — *Mar 2023 - Aug 2023*
  - ○ **Worked On - Opportunity Loss Management a product of ABB Ability™ Genix Industrial Analytics and AI Suite**: Optimised and managed Events, state management, Permissions
  - ○ **Learning - Bash scripting, Azure cloud services, Angular, RestAPI, C, Dotnet, OrientDB, MQTT Broker, Redis Cache, Unit Testing, Docker, Kubernetes, MongoDB, CosmosDB, Xunit testing, SQL, Selenium** :

PROJECTS

- **PinDrop - Value a land based on the dropped pin location (ML, Web Development, Data Mining)**: (Work in progress) Research-oriented, application to get the estimated price of land based on the location pinned on the map. Tech: Python, React, Google maps API, Selenium, TensorFlow
- **Twitter Clone (RDBMS, Fast-API, Web Development)**: Creating a social media from scratch similar to Twitter and Reddit. Tech: React, FastAPI, JavaScript, Python
- **Discord BOT (Chat-bot, API)**: Build and deployed a friendly bot which interacts with the user to perform the predefined task when triggered. Tech: Python, JavaScript, Discord-API
- **Sudoku Solver (Mobile development, ML)**: Created a simple app which scans the unsolved sudoku image and displays the solved Sudoku. Tech: Python, Flutter, Dart, CSS, TensorFlow
- **Artfolio - NoSQL-based art portfolio (Web Development, Database)**: A beautiful website to display the art. Tech: JavaScript, React, NoSQL, HTML, CSS

COURSES

- Neural Networks and Deep Learning - Deeplearning.ai (Jan 2021)
- Deep Learning with PyTorch - Jovian.ml (Jul 2020)
- Scientific Computing with Python - FreeCodeCamp (Dec 2020)

PUBLICATIONS

- **Journal Paper: Habitation Recommendation Using ML**: Published In IJCRT (www.ijcrt.org) & 7.97 Impact Factor by Google Scholar, Volume 11 Issue 1 January 2023, (09-January-2023) (PAPER ID : IJCRT2301085)

HONORS AND AWARDS

- Finalist at Microsoft Fixathon Hackathon (Top 50 of 8000)- October 2022
- Received AWS AI & ML Scholarship by Udacity - November, 2022

VOLUNTEER AND OTHER EXPERIENCE

- **Tycoons Club Lead Member** — DSATM
  Conducted online and offline events and helped participants to raise 5 lakhs investment. — *Aug 2022 - Present*
- **Open Source Contributor at HuggingFace**
  Contributed to codebase optimization and enhancing code readability, successful merged PR. — *Oct 2022 - Present*
- **Freelancing** — Bangalore
  Designed Business requirements and registered 8 cloud kitchens with FSSAI licensing. — *Nov 2020 - Jan 2021*
- **Marketing Intern at Inventrom Private Limited** — Bangalore
  Brand awareness and business development of the Bolt IoT and ML online video training. — *Nov 2019 - Jan 2020*