

Abhinav Bharadwaj

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EDUCATION

VIDYAVARDHAKA COLLEGE OF ENGINEERING

BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE
2015 - 2019

SKILLS

PROGRAMMING

Java • PHP • JavaScript • GraphQL •

TOOLS AND FRAMEWORKS

Spring Boot • Spring Security • Apache
Kafka • Confluent • Apache Avro • Kafka
Connect • Kafka Streams • Debezium •
Magento

DATABASE SYSTEMS

MySQL • Greenplum • MongoDB

PROJECTS

PHYSIOGNOMY GENERATION SYSTEM

A system that can generate faces
based on facial parameter inputs.
It is trained on an annotated facial
dataset using GANs

(Tech stack: Python, GANs)

ATTENDANCE MANAGEMENT SYSTEM

A system where teachers can login
and take attendance. And a separate
student login to
check attendance status

(Tech stack: NodeJs, EJS, MongoDB, HTML and CSS)

LINKS

Github: github.com/AbhinavBharadwaj02
LinkedIn:
linkedin.com/in/abhinavbharadwaj/

EXPERIENCE

DELL TECHNOLOGIES | SOFTWARE DEVELOPMENT ENGINEER 2 - CONTRACT

June. 2022 – present | Bangalore, KA

- Part of a Social Innovation team working on the NCD program by MoHFW to create the National Health portal and mobile Application for prevention and control of Non Communicable Diseases (NCDs).
- Designed and developed a modular role based Authorization for managing access to Reports in Spring Boot.
- Designed and developed a Data Synchronization service to sync data between server and mobile application using Spring boot and Kafka
- Configured multiple Kafka brokers, Confluent layer and Avro schemas to process topic data for data synchronization and data warehousing
- Automated the kafka component management processes of start, stop, status and restart into simple bash commands using Shell script
- Semi-automated the data warehousing process by configuring Debezium connectors with database logs
- Configured Kafka connectors to format and write data into Greenplum Database

SPURTREE TECHNOLOGIES | SOFTWARE DEVELOPMENT ENGINEER

July 2019 – June 2022 | Bangalore, KA

- Part of an ECommerce team responsible for developing end-to-end B2B and B2C Ecommerce applications
- Built REST APIs for an appointments application using Spring Boot
- Developed custom GraphQL and REST APIs for an entire end-to-end ECommerce application using Magento and Spring Boot
- Optimized existing order processing modules to improve its performance.
- Integrated CCAvenue, Razorpay and Axisbank payment gateways in Magento
- Managed global states using Redux

LARSEN AND TOUBRO | INTERN

Jan. 2019 – Feb. 2019 | Mysore, KA

- Worked with the in house Angular development team in developing a site to view and maintain media files.
- Built reusable components to view images and videos using Angular
- Worked with multiple teams to solve minor bugs and issues

PAPER PUBLICATION

IJEEDC

Published paper titled - "Physiognomy Generation System"