Durga Sai Sailesh Chodabattula

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EDUCATION

- **Indiana University, Luddy School of Informatics** — Bloomington, IN
  Master of Science in Computational Data Science; GPA: 3.6. — *August 2021 – May 2023*
- **SRM Institute of Technology and Science** — Kattankulathur, Chennai, India
  Bachelor of Technology in Electronics and Communication Engineering. — *July 2015 – May 2019*

EXPERIENCE

- **Capgemini Technology Services India Limited** — Hyderabad, India.
  Associate Consultant, Digital Banking. — *January 2021 – August 2021*
  - **API Development**: Developed 22 features and capabilities around Mambu core banking solution and its integration with various Fin-Tech partners and Cloud Technologies under COE (Centre of Excellence) / Mambu Capability Development.
  - **Onboarding Journey**: Delivered end-to-end capability Digital Banking Platform Solutions in the Core Banking, Payments, and Digital Banking space for our digital banking clients which simplified and improved the process of opening an account or availing a loan by cutting the turnaround time by 80% .
  - **Rest-full API**: Strengthened the Restful APIs for different modules using security mechanisms like OAuth 2.0, 2-way SSL to secure the APIs using Spring Security, and configured the micro-services with Sleuth, Zip-kin for tracing, and ELK for log aggregation and visualization which yielded in a reduction in time to trace errors by more than 70% and capitalized on decreased time for error tracing to incorporate new features. Incorporated Spring Web flux to increase API performance and made the API calls asynchronous.
  - **Latest Tech Adaption**: Streamlined the development and adoption of the latest technologies including the front-end framework Angular for Web Development and Ionic for mobile application development improving the efficiency by more than 50% .
  - **Technologies**: Java, Spring, Mambu, Temenos, AWS Developer tools, Angular 4.0, Ionic, HTML, CSS, Restful-API, SonarQube, Postman, Linux, OAuth 2.0, Apache Kafka, RabbitMQ, Docker, Jenkins, GIT.
- **Capgemini Technology Services India Limited** — Hyderabad, India.
  Senior Software Engineer, Banking and Diversified Financial. — *July 2019 – December 2020*
  - **API's**: Managed a process re-engineering project to improve end-to-end service processes and implemented capabilities around Temenos Transact, Mambu, and Cloud Technologies under COE (Centre of Excellence).
  - **End-to-End Application**: Conceptualized an end-to-end application for the client 'Vanguard' for its investment advisors around retirement saving products and cut down the paperwork by 80% .
  - **Technologies**: Java, Spring, Angular 4.0, HTML, CSS, Restful-API, Postman, Linux, Docker, Typescript.
- **eAutomaton Cognitive Sciences PVT LTD, Thub @ IIIT-H** — Hyderabad, India.
  Project Trainee. — *May 2018 – June 2018*
  - **Prediction Model**: Cleansed raw data about patients to look for significant insights, and was in charge of developing ML models for predicting a patient's behavior of opting for services at a hospital using the various parameters available in the raw data and clustering patients with similar cases - achieved 82% accuracy in prediction.
  - **Technologies**: Python, Numpy, Pandas, Sk-Learn.

CERTIFICATIONS

AWS Certified Developer-Associate (DVA-C01)., Oracle 1Z0-808 Java SE 8 Programmer 1., Mambu Solution Consultant 1.

MOOCS: IBM Data Science Professional Certificate on Coursera, Python For Data Structures and Algorithm's (NPTEL India) (NPTEL18CS21S4270137).

PROJECTS

- **Laborer Management System. (A Competition by AWS @ Capgemini, India)**: AWS AWSome Global Builders Challenge for 12 weeks. The web portal is an overhauled Laborer Management system to level the playing field for unorganized sector workers. Reduced the turnaround time for all parties involved by 85%. The main goal is to onboard workers, create skill clusters, and award contracts similar to employment offers in organized sectors as company requests for workers are approved by the authorities. Finally placed third in the challenge.
- **Home Credit Default Risk**: The project goal is to make loans available to customers without credit histories. To accomplish this goal, the data will be examined while keeping in mind that many people who take out loans have little to no credit history. The decision-making system will reduce preliminary screening time by 95% from hours to a few minutes.