KARAN GUPTA

EXPERIENCE

SOFTWARE ENGINEER

UBS GROUP | July 2019 - Present | Java / Spring, Angular

- Worked on various projects relating to cost accounting.
- Worked on internal sourcing monitoring dashboard built using micro-services architecture
- Setup complete CI/CD setup using Teamcity
- Setup monitoring and alerting using AppDynamics

SOFTWARE DEVELOPMENT INTERN

OakNorth | June 2018 - July 2018 | Python / Flask

- Worked on back-end API for a loan monitoring dashboard.
- Delivered over 10 API endpoints for various tasks over 2 sprints.
- Increased the test coverage of core business logic modules by 15%.

PROJECTS

POCKETCHANGE - EXPENSE MANAGEMENT

- Manage expenses with easy filtering based on categories.
- Category wise spending and monthly spending analytics.
- Export exenses to PDF format.
- Stack - Java, Spring MVC, Hibernate, Chart.js

DAILYPRESS - FEATURE RICH CMS

- Fully featured content management system with a published view,
- Back-end authoring tool and page-view analytics,
- Search engine optimisation and social media integration.
- Stack - Python, Django

LOAN DEFAULT PREDICTION

- Machine learning model to predict default on loan applications
- Used LightGBM for gradient boosting implementation.
- Used Bayesian Optimization for hyper-parameter tuning.
- Stack - Python, LightGBM, Scikit-Learn, Scikit Optimize

LOW LIGHT PHOTO ENHANCENT

- Implemented a Fully CNN model to enhance details of dark images
- Used regularization to generalize model and build a interface so that any raw file can be used as input.
- Built a simple web application for users to interact with model.
- Stack - Python, Django, Tensorflow, Rawpy

SKILLS

Languages
Java, Typescript, Python

Frameworks
Spring (MVC, Boot, Data, Cloud), Angular, Django, Scikit-learn

Others
HTML, CSS, SQL, Maven, Git, Linux, Azure

EDUCATION

Delhi Technological University

Bachelors of Technology, Mathematics & Computing
C.G.P.A. - 8.56

Sardar Patel Vidyalaya

PCM + CS
Percentage - 92.4 %

CERTIFICATIONS & ACHIEVEMENTS

Azure Fundamentals (AZ-900)

3rd RUNNER UP, Smart India Hackathon 2018, Govt. of India

Built a web app which takes a scan and convertes it to editable text format using OCR. It had keyword based search & analytics.

CONTACT DETAILS

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