

# KARAN GUPTA

## EXPERIENCE

### SOFTWARE ENGINEER

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

- Worked on various MVC web projects related to cost accounting.
- Worked on internal sourcing monitoring dashboard a single page application built using micro-services architecture for back end
- Implemented complete CI/CD setup using Teamcity
- Setup monitoring and alerting using AppDynamics
- Helped in Data Lake POC by building a custom application for ingestion and egress and using Spark to build calculators

### SOFTWARE DEVELOPMENT INTERN

OakNorth | June 2018 - July 2018 | Python / Flask

- Worked on back-end API for a loan monitoring dashboard.
- Delivered over API endpoints for various tasks over 2 sprints.
- Increased the test coverage of core business logic layer..
- Implemented dynamic documentation system using Swagger API

## PROJECTS

### 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.

### 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.

### POCKETCHANGE - EXPENSE MANAGEMENT

- Manage expenses with easy filtering based on categories.
- Category wise spending and monthly spending analytics.
- Export exenses to PDF format.

## SKILLS

### Backend Engineering

Java, Spring Boot

### Frontend Engineering

Typescript, Angular

### Data Engineering

Spark, PostgreSQL

### Miscellaneous

Teamcity, Git, Azure

## EDUCATION

Delhi Technological University

Bachelors of Technology,  
Mathematics & Computing

C.G.P.A. - 8.56

Sardar Patel Vidyalaya

CBSE, PCM + CS

Percentage - 92.4 %

## ACHIEVEMENTS & CERTIFICATIONS

Azure Fundamentals (AZ-900)

Functional Programming  
Principles in Scala, EPFL

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

## CONTACT DETAILS



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