Vivek Kumar

visit portfolio

Email : vk16309@gmail.com
Mobile : +91-9798889311

EDUCATION

National Institute of Technology — Patna
Bachelor of Technology in Computer Science and Engineering — *Aug. 2017 – June. 2021*

JPS — Motihari
Intermediate in Science (PCM) — *Aug. 2014 – July. 2016*

EXPERIENCE

KapitalWise — New York , NY
Software Engineer Intern — *Jan 2021 - Present*

- **Workflow Automation**: Responsible for designing and developing REST APIs and microservices used in No code workflow automation software using SailsJs Framework.
- **Message Queuing**: Using RabbitMQ asynchronous messaging and message queuing to process messages on the consumer part.
- **Docker**: Using docker to build images from github repositories for deployment.
- **ECS**: Using ECS for creating and managing task definitions and creating Services in clusters for the deployment of microservices.
- **AWS S3**: Using AWS S3 for creating and managing buckets for storing and fetching files from cloud.
- **Dashboard APIs**: Developed APIs for uploading accounts into database and dashboard APIs for proper pagination
- **Schema Designing**: Designing DB Schema and API requirements for No Code Workflow automation software.
- **models**: Using MongoDB database with Waterline ORM for creating models.
- **Tech Stacks**: Working on SailsJs, RabbitMQ, MongoDB, Docker, AWS S3, ECS, BPMN, Postman

Nfilade — New Delhi, India
Backend Developer Intern — *May 2020 - June 2020*

- **Silverlining**: Responsible for developing backend APIs using DjangoRest framework for backend functionalities of Silverlining App that is an information, advisory and solutions portal dedicated to individuals and their families.
- **Query Response System**: Developing APIs for query response system used in disaster management checklists using Django Rest Framework .

PROJECTS

- **Grievance Redressal Portal**: Grievance Redressal Portal is an online platform to receive and act on complaints reported by students of institutions, enabling prompt actions on any issue raised by them and to avail services more effectively. Grievance Redressal System can be handled directly by institutes.
  Developed Backend functionalities using Django Rest framework and frontend using HTML, CSS, Bootstrap and JQuery.

- **Sentiment Analysis of Intraday Stockmarket**: Sentiment analysis of Intraday stock market news using SVM, Naive Bayes and Decision Tree Classifiers. Extended LoughranMcDonald sentiwordlist used for lexicon approach.

- **Whatsapp chat automation using Python script**: Used Pyautogui library to control keyboard and mouse virtually.Used beautifulsoup,requests and urllib for web scrapping and web crawling.Used re python library to extract keywords from replies

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C++, SQL, JQuery

  Technologies: REST API, SailsJs, DjangoRest Framework, RabbitMQ, AWS, Docker, Bootstrap, Ajax, MongoDb, Postman