

Nushirvan Naseer

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TECHNOLOGIES

Frameworks: React, NextJS, NodeJS, ExpressJS, React Native, NestJS, GatsbyJS, **Flask**, PyTorch, Tensorflow, Flutter

Languages: JavaScript, TypeScript, Python, Dart, C++, C#

Cloud Technologies: AWS EC2, S3, EBS, Amplify, Cognito, AWS DocumentDB, Cloudfront, **Amazon RDS**, Firebase Functions and Cloud Firestore

CI/CD: GitHub Actions

Version controlling: Git

Databases: Firebase, MongoDB, SQL DBs

* **Bold** indicates **expertise**.

EXPERIENCE

Knowledge Streams - Technical Instructor

April 2024 - PRESENT (Contractual)

- Instructor for Introduction to Data Science
- Teaching Python, Pandas, NumPy, MS Excel and PowerBi to students

RipeSeed - Software Engineer

SEPTEMBER 2021 - PRESENT

- Joined in my **7th semester** of university as a part time Associate Software Developer.
- Joined as a full time employee after graduation in June 2022.
- Managing development of multiple client projects (**10+**). Handling client communication and fostering better client relations.
- Oversaw and lead the development of 5 projects by **Merchynt** from January 2023 - present with excellent client feedback.
- Worked as a primary developer on applications like [Satoshi's Index](#), [AppointmentCore](#), and [ProfilePro](#).
- Helped migrate a cryptocurrency investment automation tool from Grafana to a web app built with React, NestJS, PostgreSQL and AWS services like **Cognito**, **Amplify**, and **Elastic Beanstalk**.
- Worked on integrating Tech Blogs on the ripeseed.io website using GatsbyJs.
- Worked on a complete UI revamp for AppointmentCore and also integrated their Chrome extension into Gmail, Outlook, Keepa and Salesforce.
- Trained new developers in the use of technologies like **Langchain**, **Stripe**, and **Maverick Payments**.
- Oversaw the recruitment, interviewing and training of new full stack developers.
- One of the top closers in the RipeSeed client success team with multiple long-term clients.

RUN Pakistan - Software Development Intern

NOVEMBER 2019 - AUGUST 2020

- Joined in my **3rd semester** of University as a part time intern.
- Learned **React** while building RUN's web application.
- Learned **Flutter** and built an E-commerce application from scratch for RUN Pakistan.

EDUCATION

Bachelor of Computer Science (BSCS)

National University of Computer and Emerging Sciences (FAST-NUCES)

Lahore, Pakistan

- Graduated with a CGPA of **3.61/4**
- **Silver Medalist** for an SGPA of **3.94/4**

PROJECTS

ProfilePro

RIPESEED • [Chrome Store](#)

ProfilePro is an extension that helps businesses optimize their Google profiles, generate creative posts, images and automate replies. The app was built from scratch using ReactJs, MongoDB, Express and NodeJS.

- Initially worked as the **primary developer** on the project. Later on worked as a **team of two developers**.
- Implemented the whole UI of the application using **Material UI**. Added a modal to Google Business pages which rendered conditionally.
- Integrated ProfilePro's modals and pop-up windows into Google Business Replies iframe.
- For phase 2 i.e., the UI revamp, worked as the **project manager**. Handled all communication with the client and ensured timely delivery of the application with a revamped UI and additional features such as AI image generation.
- Currently managing the addition of features and updates on the extension.
- The extension currently has over **10k active users**.

Satoshi's Index

RIPESEED • [Website](#)

Satoshi's Index is an investment automation tool that tracks the most popular coins on the largest exchanges. These coins are purchased automatically on behalf of the user.

- Worked as the **primary developer** on the application for a period of 3 months.
- Migrated the application from Grafana to a full-fledged web app built with React and NestJS.
- Implemented authentication with **Amazon Cognito**.
- Migrated over 1000 users from the original database to a new one in **Amazon RDS**.
- Implemented subscription plans with **Stripe**. Later moved to **Square**, and then **Maverick Payments**, based on the client's requirements and payment restrictions.
- Shifted to managing this project after I trained a new hire on this particular stack.
- Oversaw the **migration of the whole platform from AWS to GCP**.
- Worked on migrating the application to the **new Coinbase Pro API** after Coinbase got sunsetted.
- Currently working as the manager and handling communication with the client regarding additional features.

AppointmentCore

AppointmentCore is an application that helps users schedule appointments with clients easily by providing Gmail, Outlook, Keepa, and Salesforce integrations.

RIPESEED • [Chrome Store](#)

- Worked as part of a **team of over 5 developers**.
- Had weekly standup meetings with a remotely working project manager
- Implemented multiple UI updates for the application using **React Native Web**.
- Fixed bugs related to meeting scheduling using known libraries like **moment.js**.
- Worked on the plugin side of the application. Integrated the AppointmentCore pop-up modal into **Outlook**, **Gmail**, and **Salesforce**.

Crypto AI Forecasts

Crypto AI Forecasts is an under-development mobile application by RipeSeed. It aims to provide AI based trading solutions and predictions to traders with little or intermediate crypto trading experience.

RIPESEED

- Working as the sole developer.
- Have daily standups with the CEO on the progress of the application.
- Integral part of the design decisions of the application.
- The app is being built using **React Native** and the **Ignite Boilerplate** for the best coding practices.
- The application is currently deployed on iOS TestFlight and being tested as an android APK.

NousTalk

NousTalk is a therapist scheduling online platform which helps users effortlessly find and communicate with licensed therapists from the comfort of their homes.

RIPESEED • [Website](#)

- Worked as part of a **team of 3 developers** on an **already developed codebase** that needed updates and fixing.
- Implemented bug fixes regarding scheduling issues and UI updates.
- Helped onboard further team members onto the project.
- Took over the **backend development completely**. Worked with **2 different backends**, a legacy one in .NET and C#, and a new one in NodeJS.
- Integrated **notification** features into the application.

Poetry Generation in Urdu

OPEN SOURCE (University FYP)

- Lead a **team of 3 researchers**.
- Implemented a poetry generation model that used Recurrent Neural Networks using PyTorch.
- Later developed a new model using Transformers which produced coherent Urdu Poetry.
- Read multiple papers on LLM development.
- Handled a major chunk of the LLM development, testing and data collection.
- Evaluated by the university administration as an A+ Final Year Project.

OPEN SOURCE PROJECTS

How the Time Tables

OPEN SOURCE · [GitHub](#)

A custom application built using **Flutter** and **Firebase** to help students of FAST NUCES better organize their timetables. Before the applications, students had to go through a massive excel sheet to figure out clashing courses and sections. The application parses the excel files and organizes courses alphabetically and allows students to select the sections and courses of their choosing and figure out clashes easily. The application also supports updating the timetable every time a new version is announced.

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