Biswas Nandamuri

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SUMMARY

Dedicated and passionate software engineer with experience in developing innovative software solutions with out-of-the-box thinking to enhance business productivity. Motivated to learn, grow, and excel in a fast-paced, deadline-oriented environment.

EXPERIENCE

Software Engineer - *Techniecode Inc., India*

October 2020 – Present

- Developed a full-stack custom web application to a mortgage company using ASP.NET Core 3.1 and deployed the application using IIS on an AWS EC2 instance.
- Designed and developed an OpenID Connect-based authentication server using IdentityServer4 which is used for Password-based and Token-based authentication throughout the client's company.
- Developed high-performance and scalable console applications using .Net to perform various repetitive domain-oriented scheduled tasks.

Academic Tutor - *La Trobe University, Australia*

March 2019 – October 2020

- Tutored and Mentored over 200 undergraduate and postgraduate students with practical lab work, assignments, and course projects involving C, Java, Python, and Angular v2.

Software Engineer Intern - *Brimbank City Council, Australia*

September 2018 – March 2019

- Designed and developed a full-stack web application to automate the process of establishing data synchronization between two different data sources with over 100 thousand records using Python's Flask (Backend API), Pandas (Data Analytics), and JavaScript's React (Frontend) libraries.

PROJECTS

Patient Management System

Udacity Nano degree

- Designed and developed a full-stack application (using Flask and React JS) to manage patient and doctor records in a hospital.
- Implemented role-based authentication using auth0 service for three different access roles (Nurse, Doctor, and Dean).
- Live URL: http://patient-management-system-1603.herokuapp.com/

M1 Automator

Brimbank City Council

- Developed a python based application to compare data over 100 thousand local and state government records to identify discrepancies.
- Designed and developed a .Net and ReactJS based dashboard application to show synchronization progress and reports regarding the discrepancies.

SKILLS

Proficient

C#, Python, Java, SQL Server, PostgreSQL, DotNet, Linux, Git

Familiar

Javascript, C, Go, MongoDB, ReactJS, Docker

EDUCATION

Full Stack Developer Nanodegree
Udacity.com
February 2020 – June 2020

M.S. in Information and Communication Technology
La Trobe University
February 2017 – December 2018
Melbourne, Australia

B.S. in Electronics and Instrumentation Technology
VNR Vignana Jyothi Institute of Engineering and Technology
February 2012 – May 2016
Hyderabad, India

AWARDS & ACHIEVEMENTS

Golden Key Honour Society Invitation
La Trobe University

Open-Source Contributor
Microsoft VS Code and Mdx-js projects