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Nilam Kumar Pathak

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First and foremost, I love to dig into the field of software development and my prime objective is to become a part of an organization where I can learn, utilize and enhance my skills and understanding on the field of interest while trying to achieve the goals of the organization. I also like to stay abreast of innovations and latest technology developments. I focus on working well in a team, taking quality decision and quickly adapting to new insights. I am constantly learning.

EDUCATION

BTech in Computer Science and Engineering, Tezpur University, Sonitpur, Assam, CGPA: 8.44   **Jul 2017 — Jul 2021**
Higher Secondary, Cotton College, Guwahati, Assam, Percentage: 86.80   **Aug 2014 — Jun 2016**
Matriculation, Bishnu Jyoti Jatiya Vidyalaya, Tamulpur, Assam, Percentage: 89.67   **Jan 2010 — May 2014**

EXPERIENCE

Software Developer   **Oct 2021 — Present**
Borgos Technologies Pvt. Ltd.   Assam, India
- Developed and maintained AWS Lambda functions to automate client's routine business processes (ERP System) with NodeJS, Serverless and Postrgresql along with unit test cases written in JEST.
- Worked as an Agile scrum master by taking ownership of a complete project and being responsible for code documentation, peer code review, fixing issues in production and tracking overall progress of the project.
- Created RESTful APIs and implemented server-side business logic in NodeJS, ExpressJS (MVC), NestJS, TypeScript, MySQL and AWS DynamoDB.
- Followed Agile principles, project management and tracking through JIRA, TDD methods and collaborative coding with Git, GitHub and GitLab throughout SDLC.

Full Stack Developer Intern   **Jan 2021 — Jun 2021**
Crave for Local   Chandigarh, India
- Designed and developed an e-commerce platform for Crave for Local as a minimum viable product (MVP) with NodeJS, ExpressJS, MongoDB Atlas in the backend and EJS templating engine in the frontend for rendering dynamic HTML pages.

PROJECTS

Machine Learning techniques used in Automatic Modulation Classification   **Aug 2020 — Jan 2021**
- Explored the performance of Machine Learning based modulation classification system using techniques such as Decision Tree (DTrees), Support Vector Machine (SVM) etc on the dataset RADIOML 2016.10A.

Cryptography using Genetic Algorithm   **Oct 2020 — Nov 2020**
- Implemented a client-server based cryptographic system in Python for text message encryption and decryption using Genetic Algorithm concepts such as uniform crossover and inversion mutation.

Weather Application   **May 2020 — Jun 2020**
- Developed a responsive weather application in Flask to fetch the weather forecast for a particular city using weather API call.

Student Information System   **Oct 2019 — Nov 2019**
- Designed and developed a database system using PHP and MySQL for the undergraduate students of Tezpur University to store, retrieve and update their different academic information.

TECHNICAL SKILLS

Programming/Scripting   C, C++, JavaScript, Python
Tools and technologies   HTML, CSS, NodeJS, ExpressJS, NestJS, MongoDB, MySQL, Git, GitHub, AWS, Serverless
Operating Systems   Windows, Linux*

AWARDS & CERTIFICATES

2022   Received the 'Stand Out Performer' award for the year 2022-23 (Q1 and Q2) at Borgos Technologies. Link:// Certificate
2021   Received certificate of completion of The Web Developer BootCamp 2021 online course. Link:// Certificate
2017   Received certificate for participating in CIRCUITRIX under TechXetra, 2017. Link:// Certificate

DECLARATION

I hereby confirm that the above mentioned information is true. If given an opportunity to be a part of your esteemed organization, I shall do my duties with sincerity and dedication.