Chandrajyoti **Das**

Backend & Devops Engineer

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Software engineer with passion, and experience of designing & implementing secure infrastructure for highly available applications. I have diverse experience in various domains such as Aerospace, Automotive, web development, Database design, DevOps, AI, which always helped me to think critically and solve critical problems in a better way.

Skills

JavaScript, ES6, Python, Typescript, Bash, Make, C, M-Script (Matlab), Matlab Simulink

React, NextJs, React Native, Nodejs, ExpressJs, SocketCluster (Socket Library), Firebase

NoSQL db, Cassandra, PostgreSQL

Digitalocean, AWS (Started Using)

Ansible automation, Docker, Kubernetes, DNS management, Git

Work History

2017-Apr – Current

Technical Team Lead

Volvo India, Bangalore Karnataka

- Created tool for component testing to support multiple projects, which reduced 60% of time needed for component testing.
- Hired team mates, trained and mentored them for project needs.
- Provided continued maintenance and development of bug fixes and patch sets for existing applications.
- Reviewed daily requirements and forecasts and delegated work for optimal coverage.

2018-Nov – 2020-Feb

CTO

CleNet, Bangalore Karnataka

- Created Mobile application single-handedly using Android, React Native, Firebase & WebSocket
- Designed NoSQL Cassandra DB database for the application.
- Developed Nodejs, SocketCluste (Websocket) based backend with high security.
- Deployed backend with the Cassandra DB in DigitalOcean using Docker, Kubernetes & Ansible
- Demonstrated ability to simultaneously embrace macro-level strategic decisions and micro-level implementation.
- Interpreted multifaceted technological issues into defined frameworks and high label action plans.

2016-Nov – 2017-Mar

Technical Lead

HCL Technologies, Bangalore Karnataka

- Developed technical solutions using Model Predicting Control algorithm to control the clutch pedal of a gearless electric car for a Sweden based automobile company.
- Improved motor efficiency & response time for moving the clutch pedal back & forth during gear change. The response time reached 96%

2014-Dec – 2016-Nov **Sr. Software Engineer**

KPIT, Bangalore Karnataka

- Reverse Engineered legacy C code to Matlab Simulink models by analyzing code and creating specification based on the code and new changes.
- Collaborated with platform development team members to analyze potential system solutions based on AUTOSAR specifications.
- Managed AUTOSAR configuration issues increasing customer satisfaction ratings and increasing the efficiency of the project by 60%.
- Led application software development initiative as Subject Matter Expert and single point-of-contact for both platform & application team.
- Designed & led the development of Python tool to automate wrapper development for 16 ECUs
- Coordinated with onsite and offsite engineering leads to gather and develop system requirements

2011-Aug – 2014-Nov **Software Engineer**

Safran India, Bangalore Karnataka

- Developed highly safety-critical Airplane software using Matlab and C.
- Boosted the software verification method by developing sophisticated software toolchains using Python, Excel VBA, VBScript & windows command scripts.
- Compiled specifications, to derive low-level requirements, which can be used to develop software components and used in unit & component level testing.
- Collaborated with cross-functional development team members to analyze potential software solutions based on evolving client requirements.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues

Education

2016-Mar – 2017-Sep **MBA: General MBA**

Alliance University, Bangalore Karnataka

2007-Aug – 2011-Jul **B.E : Electronics & Telecommunication**

AMC Engineering Collage, Bangalore Karnataka

Language

English, Hindi, Oriya

Hobbies

Badminton, Learning New Skills