PRITISH DAS
SOFTWARE ENGINEER

Detail oriented professional with experience in application development. Passionate about building apps from the ground up and learning new technologies. Seeking to take the next career step with respected organization dedicated to world class quality and to achieve organizational goals in spirit of teamwork by utilizing my experience, educational background, networking and technical skills.

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📱 9585431502

🌐 pd10.github.io/personal-portfolio/

github.com/PD10

WORK EXPERIENCE

SOFTWARE ENGINEER
Cerner Healthcare Solutions

07/2019 – Present   *Bengaluru*

Tasks
- Implemented OAuth2, removed security vulnerabilities(CVEs), uplifted from jersey 1.x to jersey 2.x and added a new REST endpoint in a Java(Jersey Framework) microservice REST API application for the Department of Defense(DoD) and Veteran Affairs(VA) of the United States Government.
- Enhancements on Rails applications which is adopted by the solution teams to build their products on.
- Removing security vulnerabilities(CVEs) from applications resulting in more secure applications.
- Uplifting existing Rails applications to React on Rails for faster UI rendering and performance.
- Part of the platform/architecture/design team and DevOps responsibilities like chef and container bi-weekly release and deployments for both Java and Rails applications in order to provide best and latest features in every version of application release to our solution teams.

SOFTWARE INTERN
Cerner Healthcare Solutions

01/2019 – 06/2019   *Bengaluru*

Tasks
- Built a portal for use as a Cerner internal tool for Cerner's associates resulting in faster search response time.
- Technologies I used in the project:
- ReactJS - For the UI.
- Spring Boot - API functionality which later got replaced by Ruby on Rails.
- ElasticSearch - For the searching functionality.
- MongoDB - As the preferred nosql database.

SOFTWARE INTERN
TATA Steel

05/2018 – 05/2018   *Jamshedpur*

Tasks
- Training on frontend development using ReactJS.

SKILLS AND TOOLS

Skill	Rating (out of 5)
Data Structures & Algorithms	●●●○○
Git & Github	●●●○○
IntelliJ & VS Code	●●●○○
ReactJS	●●●○○
Core Java	●●●○○
Jersey Framework	●●○○○
Microservices	●●●○○
OAuth	●●○○○
API Gateway	●●●○○
Tomcat	●●●○○
Postman API	●●●○○
Spring Boot REST API	●●○○○
Maven	●●○○○
Python	●●●○○
RDBMS: MySQL	●●○○○
Debugging	●●●○○
JUnits	●●○○○
NoSQL: MongoDB	●●○○○
Caching: Redis	●●○○○
Design pattern	●●○○○
Ruby on Rails	●●○○○

WORK EXPERIENCE

SOFTWARE INTERN
TATA Technologies

06/2017 – 06/2017   *Jamshedpur*

Tasks
- Built a working prototype on a web - based file management system using the following technologies:
- HTML
- CSS
- JavaScript
- PHP
- MySQL
- WAMP Server

SOFTWARE INTERN
Timken India Limited

12/2016 – 12/2016   *Jamshedpur*

Tasks
- Software development to build a native app using VB.NET in Windows Environment.

EDUCATION

B.Tech in Computer Science and Engineering
Vellore Institute of Technology

07/2015 – 09/2019   *Vellore*

Result
- CGPA: 8.91/10

ISC
Little Flower School

2015   *Jamshedpur*

Result
- Percentage: 96%

ICSE
Little Flower School

2013   *Jamshedpur*

Result
- Percentage: 93.67%

SKILLS AND TOOLS

Skill	Level
Jenkins	●●○○○
Docker	●●○○○
Kubernetes	●●○○○
Jira	●●○○○
Agile Methodologies	●●○○○
Test Driven Development	●●○○○
Eggplant	●●○○○
New Relic	●●○○○
Splunk	●●○○○
Swagger	●●○○○
Crucible	●●○○○

PERSONAL PROJECTS

Extended AES Algorithm with Custom Encryption for Government-level Classified Messages (2019)
- The paper is based on AES algorithm with custom configuration. The algorithm uses AES and adds some custom configurable steps in the system. Published in IJITEE in June 2019 edition.

VIT Online Query System (2017)
- An application which will reduce paperwork of writing queries in registers and put the whole system online with additional perks.

CERTIFICATIONS

Agile Expert Certificate of Proficiency (06/2019 – Present)
ICAgile

Introduction to Cyber Attacks (03/2018 – Present)
Coursera

Machine Learning (04/2018 – Present)
Coursera