

# Janmejay S Purohit

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## EXPERIENCE

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**Software Engineer II**, Tesark Technologies Pvt. Ltd. Sep 2019 - Jul 2022

- Started my career here as Software Engineer I, and worked on multiple projects primarily as a full stack Javascript developer.
- My main responsibilities included working with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- I eventually was made responsible for researching and evaluating new technologies and software development methodologies, creating software development plans and schedules, leading software engineering teams and monitoring and optimizing software performance towards the end of my tenure.

**Software Development Engineer Intern**, Box8 Jan 2019 - Aug 2019

- Extensively worked on API integrations with Ruby on Rails as the backend.
- Integrated various payment gateways like Google pay, Paytm, PhonePe.
- Worked on various bug fixes and improvements in the in-house application as well.

**Software Engineer Intern**, EzPG Jun 2018 - Dec 2018

- Worked on PHP for application development, integrated features like search, sort, filter and manage hotel bookings.

## EDUCATION

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**Master of Science**, Computer Science Aug 2022 - May 2024

Indiana University Bloomington - Luddy School of Informatics, Bloomington, United States GPA: 3.9/4.0

**Bachelor of Technology**, Computer Science and Engineering Aug 2015 - May 2019

Dayananda Sagar University, Bengaluru, India GPA: 9.21/10

## SKILLS

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Frameworks: NodeJS, ReactJS, NextJS, ExpressJS, AngularJS, Ruby on Rails, Django

Programming Languages: JavaScript, Python, Ruby, Java, C, C++

Software Packages: Jupyter Notebook, Postman, Git, Heroku, AWS - S3, EC2, RDS

Databases: PostgreSQL, MongoDB, Redis, MySQL

## PROJECTS

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**DSU Digital Library** Aug 2016 - Apr 2019

- Contributed to front-end as well as back-end development of DSU Digital Library to host educational PDFs, Books, DVDs and linked various E-Learning resources to provide e-learning for students at the college library, developed with Python Django using Bootstrap, HTML, CSS and Postgres as the database.

**Smart Fish Tracking** Sep 2017 - Mar 2018

- Built a moving fish detection software on matlab that detects whether a fish is pregnant or not based on background subtraction, linear regression and Kalman Filters.
- Based on the shape of the fish it prompts whether a fish is pregnant or not, which results in reduction of catching pregnant fishes during fishing. More details of this can be found on my portfolio.

**ICICC Website Development** Dec 2018 - May 2019

- Developed a website for the ICICC International Conference held at Dayananda Sagar University on 7th 8th July 2019, using Vanilla JS

**Vydhya** Aug 2022 - Dec 2022

- Worked on the front-end part of an engaging Patient Management System as part of my Software Engineering Course at IUB.
- As a front-end developer using React, my job was to design and develop the user interface for the system.
- This involved creating and implementing user-friendly layouts, forms, and visual elements, as well as ensuring that the system is responsive and easy to navigate.

**Portfolio Website** May 2018 - Feb 2023

- Built a portfolio to showcase my skills and abilities in web development, design, and UI/UX. I was responsible for designing and building the website from scratch, using technologies such as HTML, CSS, and JavaScript.
- I made sure to incorporate a visually appealing and user-friendly layout, and that the website is responsive and accessible across all devices.