

# PRATHAP YARA

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## OBJECTIVE

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Skilled in software development as a Full Stack Developer, with a proven track record of developing end-to-end products and deploying robust systems. Proficient in backend development, frontend development, cloud computing and database management. Experienced in Analyzing, Designing, Developing, and integrating backend and frontend applications. Experienced in all the project phases using the Waterfall and Agile Methodologies. My unique perspective combines a deep understanding of software development principles with a strong foundation in development, ensuring a well-rounded approach to creating and managing cutting-edge solutions.

## SKILLS

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**Technical skills:** Data structures and algorithms

**Frontend Development:** HTML, CSS, JavaScript, React.js, JSX, jQuery, Redux, Bootstrap

**Backend Development:** Node.js, Express.js, EJS, Motoko, Django

**Databases:** SQL, MongoDB (with Mongoose), Firebase, Cloudinary

**Scripting and Automation:** Python, C++, shell/Linux/bash

**Web Sockets | Authentication:** socket.io | JWT token generation

**APIs:** Axios, REST APIs

**Containerization and Orchestration:** Docker and Kubernetes

**Cloud Computing | Version Controls:** AWS, Render.com | Git, GitHub

**Cloud based platform:** ServiceNow (Client Scripts, Script Includes, Business Rules, UI Actions and UI Policies, Events)

**IT Service Management:** ITSM, ITOM, HAM and Service Portal modules

**Collaboration and Communication:** Cross-functional teamwork, effective communication, team player

## WORK EXPERIENCE

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### Project Engineer at Wipro - India

Jul 2022 – present

#### ➤ TiVo account → E-Commerce Website Creation:

- Developed an optimized, high-performance e-commerce website for the TiVo account leveraging React.js, JavaScript, Node.js, MongoDB, Express.js, HTML, CSS, React-Bootstrap
- Exhibited Hands-on expertise in implementing Redux for the better state management
- Worked on Form validation, Routes creation, API implementation and JWT token generation for authentication.
- Worked on handling the Local Storage, Session Storage and Cookies in the Application of Browser
- Demonstrated expertise in creation of a responsive website and proactively handled error in system
- Applied in-depth knowledge of mongoose for creating an optimized NoSQL queries for the data management from the MongoDB database.
- Hands on experience in database designing and creation of high-performing REST APIs using Axios
- Implemented RESTful APIs and integrated third-party services such as PayPal for the payment processing and MongoDB for real-time database updates for better productivity.
- Successfully developed a real-time communication features using Socket.io
- Implemented CORS policies to allow cross-origin requests, ensuring secure communication between the frontend and backend server.
- Deployed the application using Render.com and performed unit testing using the JEST framework.
- Exemplified strong problem-solving skills in troubleshooting and resolving technical issues, ensuring high service availability of production environment, ensuring minimal downtime with integrity.

#### ➤ Cisco account → HAM development:

- Developed a Hardware Asset Management workflow for providing the access control for the Cisco New Hires called Real Badge and Card Stock systems using the Scripted REST APIs, Vendor Registry External Integration, Scheduled jobs, Business rules, Script Includes in ServiceNow.

- Applied in-depth knowledge of Service Portal module in ServiceNow for developing a sophisticated Device Portal which includes Device Management, HR support system for the Enterprise Service Management using JavaScript, HTML, and CSS.
- Enhanced the customized GBR service portal for the Business Continuity planning (BCP), Business Impact Analysis (BIA) dashboards employing the client scripts, server side scripts, HTML, JavaScript
- Collaboratively Developed new catalog items and workflow for automatizing the request flow in the ITSM module in ServiceNow driving significant process Improvement.
- Proactively identified and rectified workflows issues of request management maintain items and worked on fixing critical issues and worked on API response and request payloads for various program integrations in ITOM module in ServiceNow

### Chegg India Subject Matter Expert -India

Jan 2020 – June 2021

- Provided academic support and guidance to students worldwide in Computer Science delivering high-quality solutions to their queries.
- Demonstrated strong problem-solving skills and subject proficiency in Computer Science and provided C++, Data Structures and Algorithms, python, Operations Systems related guidance to the students.

## EDUCATION

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### National Institute Of Technology Jamshedpur

2018-2022

Major: B.Tech  
GPA: 8.67/10

### Narayana Junior College

2016-2018

Major: Intermediate MPC  
GPA: 98.6%

### Ekashila High School

2004-2016

Major: Secondary School  
GPA: 10/10

## PROJECTS

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- **ChatNow-Real Time Messaging Application** [GITHUB](#)
  - Developed a ChatNow web application in Node.js and Express using MySQL as Database with REST API calls, and used HTML, Tailwind CSS, JavaScript, React.js and its hooks for designing frontend. And integrated the Socket.io module facilitate the real time communication for users.
- **Authentication App** [GITHUB](#)
  - Developed a Web Application named Authentication App employing JavaScript, HTML, CSS, React.js for the front-end and utilized Node.js, REST APIs and MongoDB for the backend development using the JWT token for authenticating the user and creating the sessions. This is app supports functionality such as for password recovery, profile update and new user registration
- **DApp Generation**
  - Created a decentralized application (DApp) on Internet Computer Protocol (ICP) and developed new named token YARA using JavaScript, HTML, CSS, React.js, Motoko and authenticate with internet identity
- **Secrets app** [GITHUB](#)
  - Designed and implemented a Secret app using the EJS which helps in the direct data retrieving form the HTML and pushing data securely to backend by securing secrets view option using Node.js and Express.js

## ACHIVEMENTS

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- Data Structures and algorithms course from Geeks for Geeks.
- Passed ServiceNow Certified System Administrator (CSA) certification [link](#)
- Received Appreciation as Habit Flagbearer in Q3 FY23 RnR [link](#)
- Gold medal holder in the SOF (Science Olympiad Foundation) in Schooling **2016**