# PRATHAP YARA

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## OBJECTIVE

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 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

## SKILLS

**Technical skills**: Data structures and algorithms
**Frontend Development:** HTML, CSS, JavaScript, React.js, Next.js, Typescript JSX, jQuery, Redux, Bootstrap
**Backend Development:** Node.js, Express.js, EJS, Motoko, Microservices
**Databases:** SQL, MongoDB (with Mongoose), Firebase, Cloudinary
**Scripting and Automation:** Python, C++, shell/Linux/bash
**Web Sockets | Authentication:** socket.io | JWT token generation
**APIs | Testing:** Axios, REST APIs | JEST
**Containerization and Orchestration:** Docker and Kubernetes, Ingress configuration
**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

**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 and Successfully developed a real-time communication features using Socket.io
  - 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
  - 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.
  - Implemented CORS policies to allow cross-origin requests, ensuring secure communication between the frontend and backend server.
  - Deployed the application using Render.com and did the unit testing using the JEST
  - 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 and proactively identified and rectified workflows issues. Worked on API response and request payloads for various program integrations.

- ➢ **FedRAMP – Employee Feedback System**

  - Developed a secure messaging system using JavaScript, Next.js, Shadcn, zod and Resend for employee feedback.
  - Implemented user authentication: Enabled users to log in and sign up using NextAuth and Context API, with email OTP verification handled via Resend. And created dynamic routing
  - Built message API utilizing MongoDB aggregation pipeline to manage messages effectively
  - Integrated AI features to suggest messages and provide actionable insights based on feedback
  - Used React Hook Form with Shadcn components for optimized form handling and user interaction, including features like debouncing to enhance performance

## 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 Authentication App employing JavaScript, HTML, CSS, and 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
- ➢ **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.
- ➢ Received Appreciation as Habit Flagbearer in Q3 FY23 RnR                              link
- ➢ Gold medal holder in the SOF (Science Olympiad Foundation) in Schooling              **2016**
- ➢ Passed ServiceNow Certified System Administrator (CSA)certification                  link