

# Batrick Swaistan

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## EDUCATION

### ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

BE IN COMPUTER SCIENCE  
June 2023 | CGPA: 8.26/10

### BETHANY NAVAJEEVAN INSTITUTIONS

Computer Science Top Scorer  
May 2019 | Percentage: 78

## LINKS

GitHub: batrickswaistan  
LinkedIn: batrickswaistan  
LeetCode: batrickswaistan

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithm  
Object Oriented Programming  
System Design  
Operating System

## SKILLS

### PROGRAMMING

Advanced: JavaScript  
Intermediate: Java, HTML, CSS, SQL  
Familiar: Python

### TOOLS AND TECHNOLOGIES

React Js • Prime React • Prime Flex  
• Node Js • Express Js • Spring Boot  
• Socket.io • PSQL • AWS Cognito • Git  
• GCP • Figma • MongoDB  
• Microservices • Docker • Firebase

## INTERESTS

### TECHNICAL

Data Analytics • Full Stack • Hardware  
• AI

### NON-TECHNICAL

Reading Books • Listening to Podcasts

## ACHIEVEMENTS

Student Coordinator of National Level Technical Symposium conducted by Dept of CSE, led a team of 16 members, and organized the event with 630+ attendees, the highest in the college's history.

## EXPERIENCE

### ALTHI SOLUTIONS | SOFTWARE ENGINEER

03/2024 - Present | Kanyakumari, TN

#### FRONT-END

- Enhanced UI responsiveness and user-friendliness, significantly improving the overall user experience.
- Expanded accessibility by resolving Chrome OS compatibility issues, making the app usable for a broader audience.
- Designed and implemented cohesive interfaces using React.js, PrimeReact, and SCSS.

#### BACK-END

- Developed over 40+ APIs using Spring Boot, ensuring high performance and reliability to handle increased workloads.
- Deployed services on Google Cloud Platform (GCP) and integrated Redis caching, achieving a 20% improvement in response times and system throughput.
- Streamlined backend workflows, boosting task completion efficiency by 25% through effective service architecture and data flow optimization.

### TCARE INC | DATA MINING INTERN

March 2022 – Jan 2023 | St. Louis, Missouri

- Collected over 4,000 data points and created actionable insights to support key business decisions.
- Analyzed data, providing data-backed recommendations to improve decision-making.
- Conducted manual web scraping and data analysis, organized insights in Google Sheets, and collaborated with cross-functional teams for alignment with business goals.

## PROJECTS

### LUMINA | COLLABORATIVE BLOGGING PLATFORM [LINK]

- Developed a personal blogging platform with multi-user content creation and management.
- Implemented real-time updates and notifications, improving user interaction and engagement.
- Built the platform using the MERN stack (MongoDB, ExpressJs, ReactJs, NodeJs), integrated Editor.js for content editing, Redis for caching, and enhanced UI/UX with PrimeReact and PrimeFlex.

### BOOKNOOK | E-BOOK PLATFORM [LINK]

- Developed an e-library application for e-books and audiobooks, with integrated PayPal Sandbox for payment processing.
- Improved system performance by 20% through optimized backend services and real-time data management with Redis.
- Built a scalable backend with Spring Boot, PostgreSQL, Redis caching, and integrated AWS Cognito for secure user authentication, deployed on Google Cloud Platform.