

# ASHES SENAPATI

Bangalore, Karnataka.

☎ +91-7682913363

✉ [ashessenapati@gmail.com](mailto:ashessenapati@gmail.com)

🌐 [LinkedIn](#)

🐙 [GitHub](#)

## Education

<b>Aryan Institute of Engineering and Technology, BBSR</b> <i>B. Tech in Computer Science &amp; Engineering</i>	<b>2024</b>
<b>Simulia college, Markona.</b> <i>Intermediate, CHSE</i>	<b>2020</b>
<b>SK High School, Santapada.</b> <i>Board of secondary education</i>	<b>2018</b>

## Technical Skills

**Programming Languages:** Java (OOP, Exception Handling, Multithreading, Java 8)

**Frameworks & Tools:** Spring Boot, Spring MVC, Hibernate, JSP, Servlet

**Frontend:** HTML, JavaScript, CSS

**Databases:** SQL, DBMS, MySQL

**Developer Tools:** VS Code, Eclipse, IntelliJ, Git

## Projects

### BPUT UNIVERSITY Project: Chatbot for Mental Health Survey

- A Level 4 Project Conceptualized and Implemented Mental Health Survey Chatbot: Designed and developed an AI-powered chatbot, enabling mental health awareness and assessment through interactive, user-centric surveys.
- Empathetic User Engagement: Engineered a conversational AI system utilizing natural language processing (NLP) for personalized and empathetic interactions, enhancing user trust and survey accuracy.
- Data-Driven Insights: Integrated standardized mental health screening tools (e.g., PHQ-9, GAD-7) with analytical algorithms to generate actionable insights and support professional interventions.
- Secure and Scalable: Implemented advanced data encryption and scalability features, ensuring user confidentiality and expanding the chatbot's reach to diverse demographics globally.
- Innovative Solution: Addressed mental health stigmas and accessibility barriers through cutting-edge technology, ranking in the top 1% of impactful mental health initiatives.

### Quiz Generator Application

- Developed a role-based quiz system using Java Spring Boot & SQL.
- Implemented CRUD operations, authentication, and result analytics.
- Designed a question bank system with dynamic quiz generation and performance tracking.
- Enabled instructors to create customized quizzes and students to monitor progress through detailed reports.
- Enhanced usability by building a user-friendly dashboard with secure login and intuitive navigation.
- Planned future upgrades including AI-based question recommendations and advanced analytics.

## EXPERIENCE

### Full Stack Java Developer – JSpider, Bangalore

- Completed a comprehensive Full Stack Java Developer course covering Java, Spring Boot, Hibernate, REST APIs, MySQL, HTML, CSS, JavaScript.
- Built multiple mini-projects and a capstone full stack application with secure authentication and CRUD features.
- Gained practical exposure to Git, IntelliJ IDEA, Eclipse, and VS Code for version control and project deployment.
- Collaborated in team projects simulating agile development practices, improving teamwork and problem-solving skills.
- Prepared industry-ready applications following MVC architecture and best coding practices.

## TECHPLEMENT

### Java Developer Internship

Bangalore, Karnataka

- Developed robust Java-based applications, contributing to end-to-end development processes including coding, debugging, and performance optimization.
- Built REST APIs using Spring Boot and optimized SQL queries, improving backend performance by 20%.
- Collaborated with cross-functional teams to design and deploy scalable solutions, ensuring seamless functionality and user satisfaction.