

Job Description- Backend Engineer(Java)

What is CleverTap?

CleverTap empowers digital brands to increase customer retention and lifetime value with the help of data, personalization, deep-tech and automation. We work with thousands of brands globally, including Dream 11, Dunzo, Lenskart, Zomato, Pharmeasy, MX Player, Premier League and GO-JEK.

CleverTap customers leverage Data, AI and Machine Learning for behavioral insights, predictive segmentation, user experience optimization, and fully automated campaign orchestration. The platform ingests ~15 billion user interactions daily, and sends out about 2 billion message notifications each day on behalf of its customers. Our patent-pending technology was invented to solve for scale, speed and security. You can follow our tech blog here - <https://tech.clevertap.com/>.

CleverTap is backed by Sequoia Capital, Accel and Tiger Global. Headquartered in Mountain View, US, our 350+ CTzens work out of Mumbai, Singapore, Dubai, and other locations globally. We're one of the fastest growing SaaS startups in the marketing technology space.

CleverTap is Great Place to Work-Certified™ and has been named Forbes' Best Startup Employer in America for 2 years in a row - 2020 and 2021. For more information, visit clevertap.com or follow us on [LinkedIn](#) and [Twitter](#).

CleverTap's software engineers work collaboratively in a dynamic, highly-technical environment to develop a highly scalable next-generation user engagement and retention platform.

Position: Backend Engineer

Location: Mumbai

Purpose:

We are looking for an engineering mindset which brings fresh ideas from various areas, including large-scale platform design, analytics, data structures, security practices, large-scale data retrieval and processing environments. As a Backend Engineer, you will be working closely with product managers, QA engineers, and designers, software engineers, and will be responsible for designing, building, deploying and scaling various products under the umbrella of CleverTap Platform.

Key Responsibilities:

- Understand the functional and nonfunctional requirements, specifications and drive the story development by working with the team member
- Design and develop highly scalable, highly available, reliable, secure and fault tolerant systems with minimal guidance
- Adhere to the system design philosophy and goals and bring improvements to the code quality across platform
- Collaborate with cross functional teams (Product, Design, Data Science, SDK, Frontend developers, QA) on planning and execution to achieve delivery/output and seamless integrations with interdependent systems
- Build reusable code and libraries and follow high code standards, unit-testing and automated test coverage

- Own the entire lifecycle of feature development, test, deployment, fixes and improvements

Key Requirements:

- BS/MS degree in Computer Science from premier institute with top grades or equivalent practical experience
- Should have knowledge in back-end development (Designing, developing, testing and deploying large scale applications with one of the JVM languages or other server side technologies)
- Must be proficient in Java, J2EE, Databases, Spring, etc.
- Strong fundamentals in Data Structures, Algorithms and System Design, OOP, Design patterns etc.
- Strong programming concepts(Object oriented programming concept, design patterns etc.)
- Able to understand and implement CI/CD (Continuous Integration and Continuous Delivery)
- Sound knowledge of Agile methodologies, TDD and automation
- Endless curiosity and ability to work both collaboratively and independently
- Has prior excellent and demonstrable engineering track record
- Must be familiar with RESTful APIs and able to design and implement low latency services
- Excellent troubleshooting skills - memory leaks, GC tuning

Reporting Relationship:

- Reports to: Team Lead/ Manager Backend Engineer
- Direct reports: None

Measure of Success:

- Writing quality and bug free code adhering to the functional and nonfunctional requirements
- Follow standard practices (Unit Tests, Reduce technical debt, Code Coverage, Integration Test, etc)

Key Competencies:

- Functional Competencies: Programming, system design and analysis, data structures and algorithms, Agile development
- Behavioral Competencies: Analytical problem solving, attention to details, teamwork and collaboration

Why join us?

- Be a part of a global growth stage startup
- Work in a fast-paced, dynamic environment where your contribution matters
- You are passionate about technology and its impact on the high growth mobile technology space
- Innovate at scale, with learning opportunities

What is working at CleverTap like?

- Work, performance and results are real sources of happiness in addition to the fun of working with and celebrating success with an exceptionally talented team
- Accountability and driving outcomes is the key to success
- Your career here is limited by you and nothing else

- Teamwork trumps individual success

Stipends/ Salary: 25k at time of Internship and the highest CTC will be 12LPA depending on the performance.

Job Description- Frontend Engineer

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Position: Frontend Engineer

Location: Mumbai

Purpose:

We are looking for an engineering mindset which brings fresh ideas from various areas, including large-scale platform design, UI/UX, security practices, large-scale data retrieval and processing environments.

As a Frontend Engineer, you will be working closely with product managers, designers, QA engineers, design oriented frontend engineers, and will be responsible for designing, building, deploying and scaling various frontend interfaces under the umbrella of CleverTap Platform.

You will play an integral role in improving the user experience of our Frontend modules as well as build and enhance frameworks and tools to improve the development experience and productivity of our frontend engineers and bring delight to our customers.

Responsible for writing bug-free programs that conforms with coding guidelines and best practices while delivering the functional requirements at scale. Investigates and fixes bugs, writes tests. Communicates progress, identifies blocking issues.

Key Responsibilities:

- Translate UI/UX design wireframes to programming specifications that will produce visual elements of the application
- Write codes (in HTML, javascript etc.) as per the specifications to achieve the stated output that integrates seamlessly with the interfacing applications
- Work on Front-end frameworks such as SPA frameworks, preferably Vue
- Participate in team meetings. Communicating clearly.

Key Requirements:

- Knowledge in front-end development.
- Must be proficient in React/Vue js
- A deep understanding of JavaScript/CSS/HTML5.
- Understanding of SPA frameworks, preferably Vue
- Understanding of server-side CSS pre-processing platforms, such as LESS and SASS
- Proficient understanding of client-side scripting and JavaScript frameworks, including jQuery
- Understanding of cross-browser compatibility issues and ways to work around them.
- Comfortable with a high paced environment.
- Understanding and practical knowledge of node, npm, webpack.

Measure of Success:

- Quality and bug-free codes
- Ability to learn and take up challenging tasks

Reporting Relationship:

- Reports to: Team Lead
- Direct reports: None

Key Competencies:

- Functional Competencies: Programming, User perspective, SDLC
- Behavioral Competencies: Eager to learn, proactive, problem solving, collaboration

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