



# C.V. Raman Global University

## Bhubaneswar - 752 054 (Odisha)

<https://cgu-odisha.ac.in/>

Mail us at: [recruitment@cgu-odisha.ac.in](mailto:recruitment@cgu-odisha.ac.in); Contact: +91 9040097244

## Job Description for Software Engineer

### Who We Are

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C.V. Raman Global University (CGU), Odisha started in 1997 as a degree-level engineering college, named as C.V. Raman College of Engineering (CVRCE). With 25 Centres of Excellence set up in collaboration with industry leaders across the board, the university today has over 20 start-ups working under its AIC & TBI incubation centre.

### Our Accreditations:

- Within top 100 Engineering Institutions in India by NIRF (National Institute Ranking Framework), MHRD, and Govt. of India during 2016, 2017, 2018, 2019, 2020, 2021, 2022 & 2023.
- Recognized as S.I.R.O (Scientific and Industrial Research Organization) by D.S.I.R., Government of India.
- CGU awarded “Skill Champion” by Govt. of Odisha in 2023
- CGU awarded Higher Education Excellence award by FICCI in 2022
- As per Times Engineering Survey (2022), CGU secured a notable position among the top engineering colleges in the country, ranking 35th among the top privately run engineering institutes nationwide and 4th in the eastern region.
- The University was recognized as a "PERFORMER" in the "University & Deemed to be University (Private/Self-Financed) (Technical)" category in the Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.

### Notable Awards and Honours:

- In the field of research, the University received grants over 5 crores in 2022.
- Ms. Manisha Padhi, alumni of CGU have been appointed as the ADC to The Hon'ble Governor of Mizoram in 2023 and became the first ever female to hold the position.
- Ms. Swagatika Mohanty, Civil Engineering (2013-17), has bagged the 15th rank in Odisha Civil Services Exam in 2023 and is now a functional, respectable, responsible OAS.
- Safia Aktar, Anshu Kumari, and Radhika Rani Panda won the 1<sup>st</sup> prize at “10-Hour Women Hackathon” organised by Trithon Triplets 2k23.
- Abhishek Kumar, B. Tech (ECE) awarded the Visweswaraya Prativa Puraskar at Odisha Technological Conclave, 2023.
- Mr. Praveen Giri won the Silver Medal in the area of Water Technology at World Skills, Stuttgart, Germany, 2022.
- Mr. Subrat Patel won Medallion of Excellence in the area of Restaurant Services at World Skills, Stuttgart, Germany, 2022.
- 9 students represented India in World skills 2022 in 7 various Skills.
- CGU won Smart India Hackathon (SIH) 2022 in Software Edition.



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### What We Offer

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- Undergraduate Courses: 28
- Postgraduate Courses: 33
- PhD Programs: 15

### Where You Come In

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We are looking for the appointment of highly motivated and skilled Software Engineer to join our dynamic team and work collaboratively with the automation cell of the University.

#### Supervision Details:

- Immediate Supervisor: Head-Automation Cell
- Indirect Supervisors- President, Vice-President, Vice-Chancellor, Pro Vice-Chancellor, Registrar
- Working Relationship: Deputy Registrar, Asst. Registrars, Section Officers, Personal Assistants, HoDs of all departments, Department ERP Co-ordinators.
- Work Schedule: Monday to Saturday
- Salary Information: Salary commensurate with qualifications and experience.
- Job Location: Bhubaneswar campus of CGU

#### Duties & Responsibilities

##### Software Development:

- Develop, test, and deploy web-based applications using **PHP** and **MySQL**.
- Write clean, maintainable, and efficient code adhering to coding standards.
- Integrate APIs and third-party libraries as required.

##### Database Management:

- Design and optimize relational databases using **MySQL**.
- Write efficient SQL queries and ensure data integrity and security.
- Perform regular database maintenance and troubleshooting.

##### Requirement Analysis & System Design:

- Collaborate with stakeholders to gather and analyse software requirements.
- Translate business needs into technical specifications and workflows.

##### System Design & Architecture:

- Design scalable and modular system architectures.
- Develop reusable components and frameworks for future use.

##### Testing & Debugging:

- Perform unit testing, integration testing, and debugging to ensure quality.
- Address bugs and implement timely fixes in a test-driven development environment.

##### Documentation:

- Prepare technical documentation for reference and reporting.
- Create user guides and operational manuals for deployed systems.

##### Collaboration & Communication:

- Work closely with designers, product managers, and other developers to deliver projects on time.
- Participate in code reviews and provide constructive feedback.



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## Who Are We Looking For

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- Career 1st Class throughout (60% Career)
- Minimum Qualification- B. Tech (CSE/IT), MCA, M.Sc. (CS) with Software Development and knowledge of using PHP and MySQL.
- Minimum two (02) years of work experience (desirable).

## What We Expect from You as the Software Engineer

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Requirement Analysis, System Design, System Testing, Implementation, User/System Manual preparation etc.

For more details, visit us at <https://cgu-odisha.ac.in/>.



## Want to be a part of Our Organization?

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Please write to us and share your updated CV/ Resume at [recruitment@cgu-odisha.ac.in](mailto:recruitment@cgu-odisha.ac.in) and apply on <https://recruitment.cgu-odisha.ac.in/>. We eagerly await to hear from you.