

# Abi Jacob Cheriyan

## Junior Software Engineer (Full Stack)

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 Chico, California

### EDUCATION

#### Master of Science in Computer Science

Present

##### California State University - Chico, CA

- **Course modules:**

- Applied Machine Learning | Software Design and Maintenance | Algorithms and Computability
- Object Oriented Programming | Artificial Intelligence | Applied Web Technology

#### PG Diploma in Software Development

Jun '21 - Aug '22

##### International Institute of Information Technology – Bangalore

- **Course modules:**

- Fundamentals of Programming Language | Basic Data Structures (Java) | Abstraction and Encapsulation
- Inheritance and Polymorphism | Arrays, ArrayLists, Environment Set up | Design and Prototyping
- Integration and Testing | SDLC and Agile Methodology | Algorithm Analysis + Recursion
- Stacks & Queues | Advanced JavaScript | Web development frameworks (React) | DevOps | MVC Architecture

- **Highlights:**

- Awarded a 'Certificate of Excellence' by faculty for active engagement and contributions in the classroom.

#### Bachelor of Science – Hospitality Management

Mar '10 - May '13

##### Indira Gandhi National Open University

- **Course modules:**

- Hospitality Marketing and Sales | Public Relations and Reputation Management
- Accountancy and Financial Management | Human Resource Management | Information Systems

- **Highlights:**

- Was an active member of the 'National Entrepreneurship Network' committee of the institute and played a crucial role in securing various brand placements and sponsorships for annual events.
- Successfully completed a semester as an industrial trainee intern at 'Marriott International Inc.'

### TECHNICAL SKILLS

**Programming :** C++, Core Java / J2EE platform

**Web Design:** HTML5, CSS, JavaScript, React, JSP, Servlets

**Database:** GraphQL, MySQL, PHPMyAdmin

### KEY SKILLS

- Effective communicator • Keen listener • Quick adaptability to change • Strong work ethic • Conscientious •
- Software Development & Testing • Web Application Development • Software Architecture • Audio / Video Editing
- Sound Design • Vlogging • Basic Graphic Design • Software Development Life Cycle • Agile Development • Git •

### KEY DEVELOPMENT PROJECTS

- *'Book my movie' application:*

- A frontend emulation of a real-world application developed using React in which users can browse upcoming and released movies and book a show for a released movie.

- *'Restaurant Finder' application:*

- A project aimed at finding the nearest available restaurant. Designing the architecture of the software using 'Unified Modeling Language' diagrams and 'Activity diagrams' identifying the users and actors. Implementing backend methods and tests using test driven development techniques.

- *'Doggoland - Dog Breed web application':*

- A web application built with the functionalities of JavaScript and JQuery to display the various breeds of dogs and their relevant information.

- *'Amazon Website':*

- A web application that replicates the official Amazon.com landing page developed using Html and CSS.

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## PROFESSIONAL EXPERIENCE

### Junior Software Engineer (Full Stack)

#### RIZEE - The Perfect Guide (December 2022 - May 2023)

- Developed services for various app components using JavaScript and ReactJS.
- Worked on writing GraphQL queries for fetching requested data from the database and display the intended results to end user.
- Ensure timely updates and coordination with the business development team and UX developer for new services added.
- Organized recruitment drives in various management and engineering institutions and recruited deserving candidates for business development roles and technical internships for the company.

### Sound Design Associate | Freelance Disk Jockey

#### NADABRAMHA RECORDS (2015 - 2021)

- Worked on producing professional audio/visual content for various trans-media projects.
- Successfully produced the audio and video content for ‘Vaccine Setu’ a ‘Covid-19 Vaccine app’ designed to help people search for the nearest available vaccine center and navigate to it.
- Worked as a ‘sound design associate’ under the guidance of India’s leading electronic music producer and composer ‘Murthovic’ aka ‘Sri Rama Murthy’ for ‘Nadabramha records’.
- Won accolades as the ‘1st runner up’ for ‘UMM CIRCUIT 2.0’ (2017) a national level DJ battle organized by Pioneer DJ, UMM India, Future Group Central and Submerge Entertainments and stood ‘Winner’ for the regional finale in Hyderabad.
- Successfully completed an ‘Electronic Music Production & Pro DJ’ certificate course from ‘I Love Music Academy – Delhi’ (2017).

### Assistant Sales Manager

#### PHOENIX LIVE EXPERIENCES LTD. (2015 - 2015)

- Successfully handled various B2B and B2C business associations and portfolios for the company and was responsible for various brand activation campaigns that improved market presence and increased gross revenue by at least 15%.
- Successfully handled the marketing and execution of the in-house national electronic music festival – RESET, and played a crucial role in onboarding various brands as key sponsors.
- Was responsible for training and mentoring a team of interns to perform various sales and customer centric operational tasks, which resulted in improved productivity and a boost in overall sales revenue.

### Senior Sales Executive

#### ROYAL ORCHID HOTELS LTD. (2014 - 2015)

- Successfully managed a portfolio of business accounts and was responsible for B2B and B2C sales.
- Handled various RFP accounts that were responsible for generating long-term revenue for the organization.

### Relationship Executive

#### LEO MERIDIAN INFRASTRUCTURE PROJECTS LTD. (2013 - 2014)

- Successfully generated the highest revenue of over 1 crore INR from my team during my term as a sales executive.

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## CERTIFICATIONS

- **Full Stack Development** | Lasya IT Solutions Pvt. Ltd. | Mar '22

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## ACHIEVEMENTS

- Won a national level DJ battle organized by 'Pioneer DJ' during my term as a freelance Disk Jockey.
- Successfully developed the audio and video content for ‘Vaccine Setu’, a ‘Covid-19 vaccine app’ for android devices that help people search and navigate to the closest vaccine center in their region.
- Successfully completed a certificate course in ‘Java and web application development’ and developed basic web apps.

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## ADDITIONAL INFORMATION

- **Interests:** Music composition, Sound Design, Vlogging, Video Editing, Content creation, Graphic Design, Badminton, Strength training, Swimming
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