

RUTUJA RAMESH DHEKNE

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SUMMARY

Pursuing a Master's in Engineering Management at Northeastern University after proving my skills in testing, quality assurance, and project coordination as a Test Engineer at Birlasoft Ltd. Completed a Bachelor's Degree in Electronics and Telecommunication Engineering. Eager to apply technical and management expertise for effective contributions to engineering projects.

EDUCATION

Northeastern University | Boston | MA

MS in Engineering Management | CGPA: 4/4

Sep.2023-Present

Pimpri Chinchwad College Of Engineering | University of Pune | India

Bachelor of Engineering |Electronics, and Telecommunication | CGPA: 9.02/10

Aug 2017 - Aug 2021

Relevant courses: Microcontroller, Advance Processor, Signal and Systems, Communication Theory, Power Electronics, Cloud Computing.

Extra Courses with certificates: Project Management, Solving Problems with Creative and Critical Thinking, Getting Started with Azure DevOps Boards, and Jira SCRUM project.

EXPERIENCE

Birlasoft Limited

Pune, Maharashtra, India

Test Engineer | QA Manual Tester

Sep.2021-July 2023

- Analyzed and reviewed requirements and specifications for new software to enhance the design accuracy by 10%.
- Standardized test plans, cases, and their execution processes, resulting in a 30% boost in productivity.
- Streamlined sprint backlog reviews and agile meetings, saving 10% of time through optimized updates in Azure DevOps.
- Engaged in agile ceremonies, presenting product roadmap progress to stakeholders and customers, while collecting valuable improvement feedback.
- Recognition:** Team Glory Award under the team category for the year 2022-2023 and earned 14 badges.

Pratibha Niketan Mahavidyalaya

Nanded, Maharashtra, India

Research Intern

May 2022 - Aug 2022

- Empowered students by implementing open communication.
- Fostered confidence and communication skills in students by organizing small activities like role-playing and storytelling.

Inventrom Private Limited | Bolt IoT

Bengaluru, India

Marketing Trainee

Feb 2021 - March 2021

- Mentored students in IoT and ML concepts, brand awareness, and business development for online video training.
- Recognition:** Runner-up award for the best performing during the Bolt IoT student partner championship held in Aug 2021.

Bharat Sanchar Nigam Limited (BSNL)

Pimpri Chinchwad, Pune, Maharashtra, India

Broadband Technician

May 2019 - July 2019

- Assisted in installing, applying, and repairing internet and telecommunication systems.

PROJECT, SOCIAL ACTIVITY, AND LEADERSHIP

Northeastern Electric Racing | Student-run formula racing team at Northeastern University.

Boston, MA, USA

Inventory and Operations Manager

Sep 2023 – Present

- Facilitated communication between engineering and finance teams for streamlined operations.
- Optimized purchasing, selling, and storage processes for efficient production and cost control.
- Interacted with dealers through emails and meetings, enhancing relationships and procedures.
- Strived for a balance between efficiency and cost-effectiveness to support team success.

Team Solarium| Student-run non-profit organization at PCCOE

Pune, Maharashtra, India

Powertrain Engineer

Aug 2018 – March 2020

- Led and motivated a 30-member team, ensured timely completion of 2 solar electric vehicles (Passenger and Invictus).
- Designed and built both vehicles, while optimizing battery efficiency by 10% through innovative cooling system design.
- Managed marketing, documentation, social media, and presentations, contributing to business plan development.
- Achieved 3rd place in ESVC 6th Season, 1st in Pre-Virtual, Autocross Runner-up, Best Design Award, and 1st in Hill Climb.

Engineering Projects

- Improved garbage disposal management through the implementation of Smart Dustbin technology. (Third Year)
- Managed data acquisition and remote control of electric race cars via the internet. (Final Year)

Social Activity

A Cup of Conversation - The Art of Public Speaking

- Collaborated with colleges and schools in diverse areas to promote public speaking awareness.
- Conducted confidence and communication-boosting activities for students, including role-playing and storytelling.

SKILLS

- Business:** Problem-solving, Product Design, Product Strategy, Product Development, Customer Service, Marketing Strategy, Agile, Leadership, Communication, Collaboration, Negotiations, and Technical writing.
- Computer:** MS Word, MS Excel, MS office, MS PowerPoint, Spreadsheet, Adobe, Email, SQL (Relational Database)
- Engineering:** Power Electronic, Li-ion Battery, Cooling system, Embedded System, Google Cloud, Power wiring.