

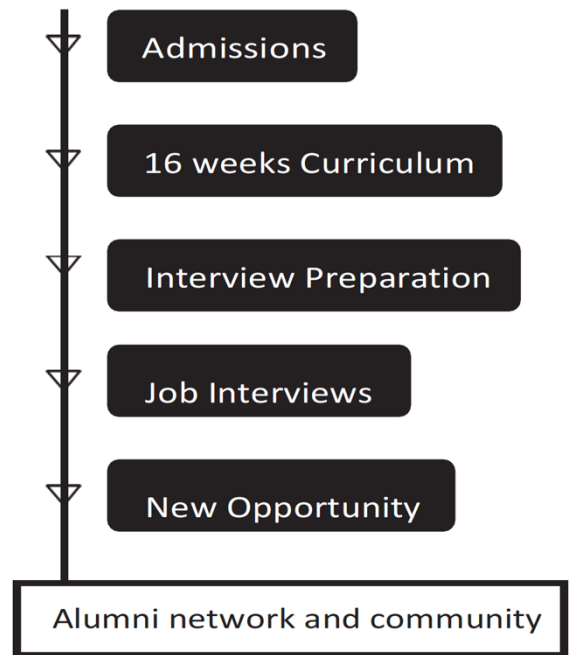
Why Pesto exists?

We are Pesto Tech - a technology education company designed to function as a career accelerator for India's top engineering talent. We train and upskill India's top talent for fast-paced product companies hiring remote workers from across the globe.

Who is it meant for/ who is it not meant for?

- Pesto is not a learn-to-code boot camp or a flexible online course
- Pesto trains and invests in India's top software engineering talent with a transformative curriculum and program experience to help them land promising opportunities globally.
- Our typical incoming student has a CS degree and 2+ years of relevant work experience in Web Development prior to joining Pesto

Your journey with pesto



COURSE OUTLINE

Base Curriculum

Before the training commences, every student is expected to complete our base curriculum. This includes orientation on the different topics that we will cover during the course and completing assignments in a self-paced environment. Topics include:

- CLI
- Git & Github
- HTML5 & CSS3 Basics
- JavaScript Basics

Intermediate Concepts

- Scope & Closure
- Debounce, Throttle and Memoization
- Dynamic Context
- Objects, Prototypes, Prototype Inheritance
- ES6 features
- Asynchronous programming, Promises, and Async-await
- Symbols, Iterators, and Generators
- Clean code
- Testing and TDD
- DOM and React overview
- Node + Express overview
- GraphQL overview

Advanced Concepts

Frontend

- React Lifecycles, Context, and Ref API
- React Hooks (basic and intermediate)
- React Routing
- State management with React
- React patterns (HOC, render-props, etc)

Backend

- Web Sockets
- Streams in NodeJS
- Event and Event emitter in NodeJS
- CI/CD and Docker Basics
- Site Reliability Engineering

Generic

- JavaScript Design Patterns
- Functional Programming
- Unicode strings
- Security

Major Projects

- Fast fingers - A Speed typing game
- Little tags - An online clothing store
- Snake game - Multiplayer online snake game

Open Source Apprenticeship

Open source contributions are appreciated and respected by companies looking to hire software engineers.

We have partnered with Open Source maintainers, who could use some help maintaining their projects further. You will get to contribute to a chosen project, guided by Pesto and the project maintainers themselves

Note: Soft skills classes will go hand in hand with main curriculum.