

Full-Stack Development Software Installation Checklist

- Node.js (LTS Version)
- Git
- Visual Studio Code (VS Code)
- Google Chrome Browser
- Postman (API Testing Tool)
- MySQL (Using XAMPP or MySQL Workbench - Either is acceptable)
- MongoDB Community Server
- MongoDB Compass
- Docker Desktop
- GitHub Account

Required VS Code Extensions

- Live Server
- ES7+ React/Redux Snippets

Verification Commands (Run in Terminal / Command Prompt)

```
Node.js:  
node -v  
npm -v  
  
Git:  
git --version  
  
MySQL:  
mysql --version  
  
MongoDB:  
mongod --version  
  
Docker:  
docker --version
```

Students must install all required software and extensions before practical sessions. After installation, run the verification commands to ensure proper setup.